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Colleges and Universities

Finance 1987-88

Pennsylvania Department of Education 1989

Colleges and Universities

Finance
1987-88

This is one in a series of publications containing statistical summaries related to basic education, postsecondary education, and vocational education in Pennsylvania. For more detailed data, contact the Division of Data Services at (717) 787-2644.

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HIGHLIGHTS

* Current-funds revenues increased 9.4 percent and current-funds expenditures increased 10.9 percent since 1986-87.

* Tuition and fees represented 31.6 percent of all current-funds revenues.

* Instruction accounted for 25.4 percent of all current-funds expenditures.

* Revenues and expenditures generated by hospitals represented 20.2 percent of all current-funds revenues and 19.9 percent of all current-funds expenditures.

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OVERVIEW

Pennsylvania colleges and universities reported nearly seven billion dollars in both current-funds revenues and expenditures for the fiscal year ending 1988. The total current-funds revenues rose to $6,835.1 million for 1987-88 and represented an increase of 9.4 percent when compared to similar data for the previous year. This represented a rise of nearly $586 million over the revenues for 1986-87. The annual average increase in current-funds revenues was 10.5 percent for the ten-year period. Public institutions accounted for approximately 44 percent of the total current-funds revenues during 1987-88, a figure that has remained stable during the past several years.

Data on sources of revenues indicate that tuition and fees and government funds (government appropriations, grants and contracts) continued to produce over half of the total current-funds revenues. Tuition and fees, the largest source, accounted for 31.6 percent; government appropriations, 14.3 percent; and government grants and contracts, 11.6 percent. The percentage that tuition and fees and government funds was of the total current-funds revenues varied significantly among the institutional categories. Community colleges recorded a high of 90.3 percent, while a low of 21.1 percent was reported for the theological seminaries. The revenues from hospitals also contributed significantly (20.2 percent) towards total current-funds revenues.

The total current-funds expenditures for the fiscal year ending 1988 amounted to $6,813.5 million, representing an increase of 10.9 percent over 1986-87 expenditures. Since 1978-79, the total increase in current-funds expenditures has amounted to 150.2 percent, an average of 10.7 percent per year for the ten-year period.

Instruction, the largest of the educational and general expenditures, accounted for 25.4 percent of all current-funds expenditures. However, a significant variation in the percent that instruction is of total educational and general expenditures was found among institutional categories. The highest percentage was at the community colleges with 46.1 percent, while the lowest was 29.1 percent at the private junior colleges.

It should be noted that private state-aided institutions include several medical schools and 47.8 percent of their expenditures are for hospitals. As with current-funds revenues, expenditures for hospitals contributed significantly (19.9 percent) towards total current-funds expenditures.

TABLE
TOTAL CURRENT-FUNDS REVENUES
1978-79 THROUGH

(IN MILLIONS OF

	1978-79		1979-80		1980-81		1981-82		1982-83	
	Amount	%	Amount	%	Amount	%	Amount	%	Amount	%
TOTAL, ALL INSTITUTIONS 1/	$2 779.5	100.0	$3 130.2	100.0	$3 525.0	100.0	$3 947.8	100.0	$4 457.6	100.0
Number Reporting	142		144		146		148		144	
TOTAL, REPORTING INSTITUTIONS	$2 763.2	99.4	$3 112.9	99.4	$3 505.1	99.4	$3 926.2	99.5	$4 433.6	99.5
Tuition and Fees	$ 846.5	30.5	$ 938.1	30.0	$1 075.3	30.5	$1 236.5	31.3	$1 393.8	31.3
Government Appropriations	$ 559.6	20.1	$ 597.6	19.1	$ 631.6	17.9	$ 661.4	16.8	$ 707.6	15.9
Government Grants/Contracts 2/	$ 317.2	11.4	$ 360.8	11.5	$ 396.0	11.2	$ 395.8	10.0	$ 494.4	11.1
Private Gifts/Grants/Contracts	$ 117.1	4.2	$ 136.8	4.4	$ 161.3	4.6	$ 185.0	4.7	$ 191.4	4.3
Endowment Income	$ 69.3	2.5	$ 82.9	2.6	$ 92.8	2.6	$ 109.4	2.8	$ 113.8	2.5
Sales and Services of Educational Activities	$ 61.2	2.2	$ 69.1	2.2	$ 43.8	1.3	$ 49.9	1.3	$ 54.7	1.2
Auxiliary Enterprises	$ 318.5	11.5	$ 348.5	11.1	$ 394.7	11.2	$ 442.4	11.2	$ 497.3	11.2
Hospitals	$ 388.6	14.0	$ 469.6	15.0	$ 599.7	17.0	$ 719.8	18.2	$ 861.8	19.3
Other Sources	$ 59.5	2.1	$ 81.5	2.6	$ 78.7	2.2	$ 97.0	2.5	$ 95.9	2.2
Independent Operations 3/	$ 25.7	0.9	$ 28.0	0.9	$ 31.2	0.9	$ 29.0	0.7	$ 22.7	0.5
TOTAL, NONRESPONDING INSTITUTIONS (ESTIMATED)	$ 16.3	0.6	$ 17.3	0.6	$ 19.9	0.6	$ 21.6	0.5	$ 24.0	0.5

1/ Includes estimated data for the nonresponding institutions; for 1986-87 and 1987-88, estimates are included in each line item as well as in the total.

2/ Includes Pell Grants beginning with 1982-83.

3/ Decline in revenues beginning with 1986-87 is due to different accounting procedures.

1

BY SOURCE
1987-88

DOLLARS)

1983-84		1984-85		1985-86		1986-87		1987-88		
Amount	%	Amount	%	Amount	%	Amount	%	Amount	%	
$4 860.0	100.0	$5 287.4	100.0	$5 844.4	100.0	$6 249.2	100.0	$6 835.1	100.0	TOTAL, ALL INSTITUTIONS 1/
143		142		145		147		147		Number Reporting
$4 826.8	99.3	$5 254.0	99.4	$5 812.7	99.5	$6 249.2	100.0	$6 835.1	100.0	TOTAL, REPORTING INSTITUTIONS
$1 518.9	31.2	$1 632.3	30.9	$1 786.1	30.6	$1 956.4	31.3	$2 161.7	31.6	Tuition and Fees
$ 752.3	15.5	$ 811.0	15.3	$ 864.5	14.8	$ 929.6	14.9	$ 978.1	14.3	Government Appropriations
$ 534.3	11.0	$ 589.1	11.2	$ 670.2	11.5	$ 729.3	11.7	$ 791.9	11.6	Government Grants/Contracts 2/
$ 224.9	4.6	$ 250.5	4.7	$ 293.2	5.0	$ 328.9	5.2	$ 363.1	5.3	Private Gifts/Grants/Contracts
$ 129.0	2.7	$ 149.2	2.8	$ 167.6	2.9	$ 163.6	2.6	$ 167.4	2.5	Endowment Income
$ 60.9	1.3	$ 61.3	1.2	$ 71.7	1.2	$ 74.6	1.2	$ 75.3	1.1	Sales and Services of Educational Activities
$ 534.6	11.0	$ 577.5	10.9	$ 624.5	10.7	$ 674.1	10.8	$ 728.5	10.7	Auxiliary Enterprises
$ 938.5	19.3	$1 026.2	19.4	$1 157.1	19.8	$1 246.8	20.0	$1 382.5	20.2	Hospitals
$ 109.9	2.2	$ 132.4	2.5	$ 147.3	2.5	$ 137.9	2.2	$ 180.2	2.6	Other Sources
$ 23.5	0.5	$ 24.5	0.5	$ 30.5	0.5	$ 8.0	0.1	$ 6.4	0.1	Independent Operations 3/
$ 33.2	0.7	$ 33.4	0.6	$ 31.7	0.5	$ 0	0.0	$ 0	0.0	TOTAL, NONRESPONDING INSTITUTIONS (ESTIMATED)

FIGURE 1

ANNUAL PERCENTAGE INCREASE IN CURRENT-FUNDS REVENUES
BY INSTITUTIONAL CONTROL, 1978-79 THROUGH 1987-88

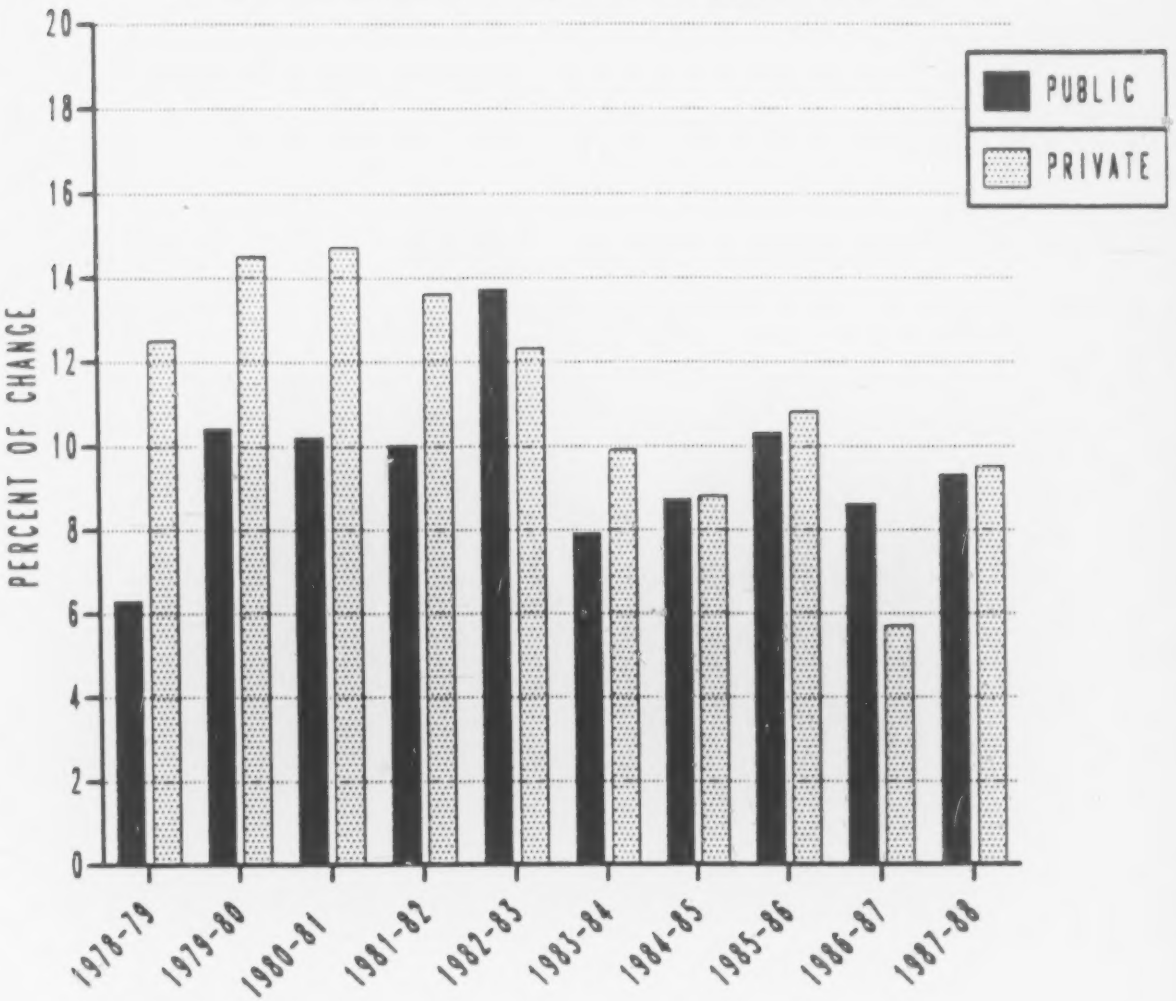
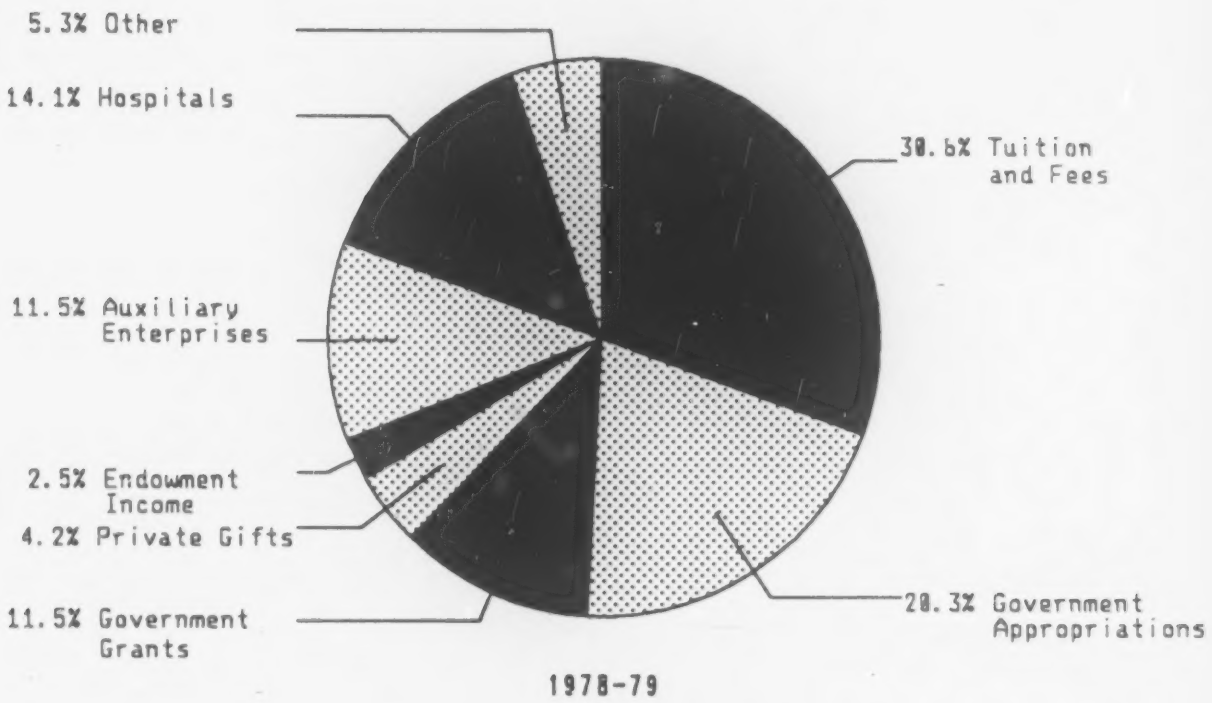


FIGURE 2

CURRENT-FUNDS REVENUES BY SOURCE



TABLE

TOTAL CURRENT-FUNDS EXPENDIT
1978-79 THROUGH

(IN MILLIONS OF

	1978-79		1979-80		1980-81		1981-82		1982-83	
	Amount	%	Amount	%	Amount	%	Amount	%	Amount	%
TOTAL, ALL INSTITUTIONS 1/	$2 723.3	100.0	$3 042.4	100.0	$3 438.1	100.0	$3 846.7	100.0	$4 353.9	100.0
Number Reporting	142		144		146		148		144	
TOTAL, REPORTING INSTITUTIONS	$2 706.7	99.4	$3 024.9	99.4	$3 418.8	99.4	$3 825.8	99.4	$4 330.3	99.5
Educational and General Expenditures	$1 974.3	72.5	$2 192.7	72.1	$2 428.8	70.6	$2 687.9	69.9	$3 011.4	69.2
Instruction	$ 808.8	29.7	$ 896.5	29.5	$ 977.1	28.4	$1 085.2	28.2	$1 186.0	27.2
Research	$ 190.2	7.0	$ 213.1	7.0	$ 240.3	7.0	$ 254.6	6.6	$ 273.7	6.3
Public Service	$ 74.9	2.7	$ 87.4	2.9	$ 83.2	2.4	$ 88.0	2.3	$ 91.2	2.1
Academic Support	$ 195.2	7.2	$ 213.8	7.0	$ 230.2	6.7	$ 249.9	6.5	$ 272.8	6.3
Student Services	$ 109.5	4.0	$ 122.0	4.0	$ 140.1	4.1	$ 159.4	4.1	$ 173.1	4.0
Institutional Support	$ 233.7	8.6	$ 258.9	8.5	$ 298.1	8.7	$ 339.6	8.8	$ 375.2	8.6
Operation and Maintenance of Plant	$ 229.6	8.4	$ 253.0	8.3	$ 283.2	8.2	$ 316.5	8.2	$ 332.9	7.6
Scholarships/Fellowships 2/	$ 107.3	4.0	$ 121.7	4.0	$ 145.9	4.2	$ 157.5	4.1	$ 265.9	6.1
Educational/General Transfers										
- Mandatory	$ 25.1	0.9	$ 26.3	0.9	$ 30.7	0.9	$ 37.2	1.0	$ 40.6	0.9
- Non-Mandatory	$ -	-	$ -	-	$ -	-	$ -	-	$ -	-
Auxiliary Enterprises	$ 300.3	11.0	$ 332.8	10.9	$ 371.5	10.8	$ 407.4	10.6	$ 454.7	10.5
Hospitals	$ 405.5	14.9	$ 470.8	15.5	$ 587.4	17.1	$ 701.9	18.3	$ 841.5	19.3
Independent Operations 3/	$ 26.6	1.0	$ 28.6	0.9	$ 31.1	0.9	$ 28.6	0.7	$ 22.7	0.5
TOTAL, NONRESPONDING INSTITUTIONS (ESTIMATED)	$ 16.6	0.6	$ 17.5	0.6	$ 19.3	0.6	$ 20.9	0.6	$ 23.6	0.5

1/ Includes estimated data for the nonresponding institutions; for 1986-87 and 1987-88, estimates are included in each line item as well as in the total.

2/ Includes Pell Grants beginning with 1982-83.

3/ Decline in expenditures beginning with 1986-87 is due to different accounting procedures.

NOTE: A dash (-) indicates "not available."

URES BY FUNCTION
1987-88

DOLLARS)

1983-84		1984-85		1985-86		1986-87		1987-88		
Amount	%	Amount	%	Amount	%	Amount	%	Amount	%	
$4 721.2	100.0	$5 103.7	100.0	$5 633.2	100.0	$6 143.6	100.0	$6 813.5	100.0	TOTAL, ALL INSTITUTIONS 1/
143		142		145		147		147		Number Reporting
$4 688.7	99.3	$5 075.0	99.3	$5 598.0	99.4	$6 143.6	100.0	$6 813.5	100.0	TOTAL, REPORTING INSTITUTIONS
$3 261.0	69.0	$3 537.4	69.3	$3 900.7	69.3	$4 317.1	70.3	$4 758.1	69.8	Educational and General Expenditures
$1 267.1	26.8	$1 361.4	26.7	$1 502.8	26.7	$1 608.3	26.2	$1 733.6	25.4	Instruction
$ 311.8	6.6	$ 352.8	6.9	$ 408.9	7.3	$ 501.8	8.2	$ 567.7	8.3	Research
$ 93.4	2.0	$ 100.8	2.0	$ 92.8	1.7	$ 70.7	1.2	$ 81.3	1.2	Public Service
$ 292.3	6.2	$ 317.0	6.2	$ 334.7	5.9	$ 373.8	6.1	$ 443.5	6.5	Academic Support
$ 190.7	4.0	$ 210.0	4.1	$ 237.3	4.2	$ 255.7	4.2	$ 280.2	4.1	Student Service
$ 409.0	8.7	$ 440.3	8.6	$ 480.3	8.5	$ 535.1	8.7	$ 591.6	8.7	Institutional Support
$ 355.5	7.5	$ 376.5	7.4	$ 392.9	7.0	$ 400.4	6.5	$ 423.7	6.2	Operation and Maintenance of Plant
$ 298.8	6.3	$ 335.9	6.6	$ 390.2	6.9	$ 408.0	6.6	$ 454.7	6.7	Scholarships/Fellowships 2/
$ 41.5	0.9	$ 42.7	0.8	$ 60.8	1.1	$ 62.5	1.0	$ 69.1	1.0	Educational/General Transfer: - Mandatory
$ -	-	$ -	-	$ -	-	$ 100.8	1.6	$ 112.8	1.7	- Non-Mandatory
$ 490.0	10.4	$ 531.7	10.4	$ 580.0	10.3	$ 629.3	10.2	$ 692.8	10.2	Auxiliary Enterprises
$ 915.3	19.4	$ 976.8	19.1	$1 088.0	19.3	$1 187.4	19.3	$1 354.1	19.9	Hospitals
$ 23.3	0.5	$ 24.6	0.5	$ 29.3	0.5	$ 9.8	0.2	$ 8.4	0.1	Independent Operations 3/
$ 32.5	0.7	$ 33.2	0.7	$ 35.2	0.6	$ 0	0.0	$ 0	0.0	TOTAL, NONRESPONDING INSTITUTIONS (ESTIMATED)

FIGURE 3

ANNUAL PERCENTAGE INCREASE IN CURRENT-FUNDS EXPENDITURES
BY INSTITUTIONAL CONTROL, 1978-79 THROUGH 1987-88

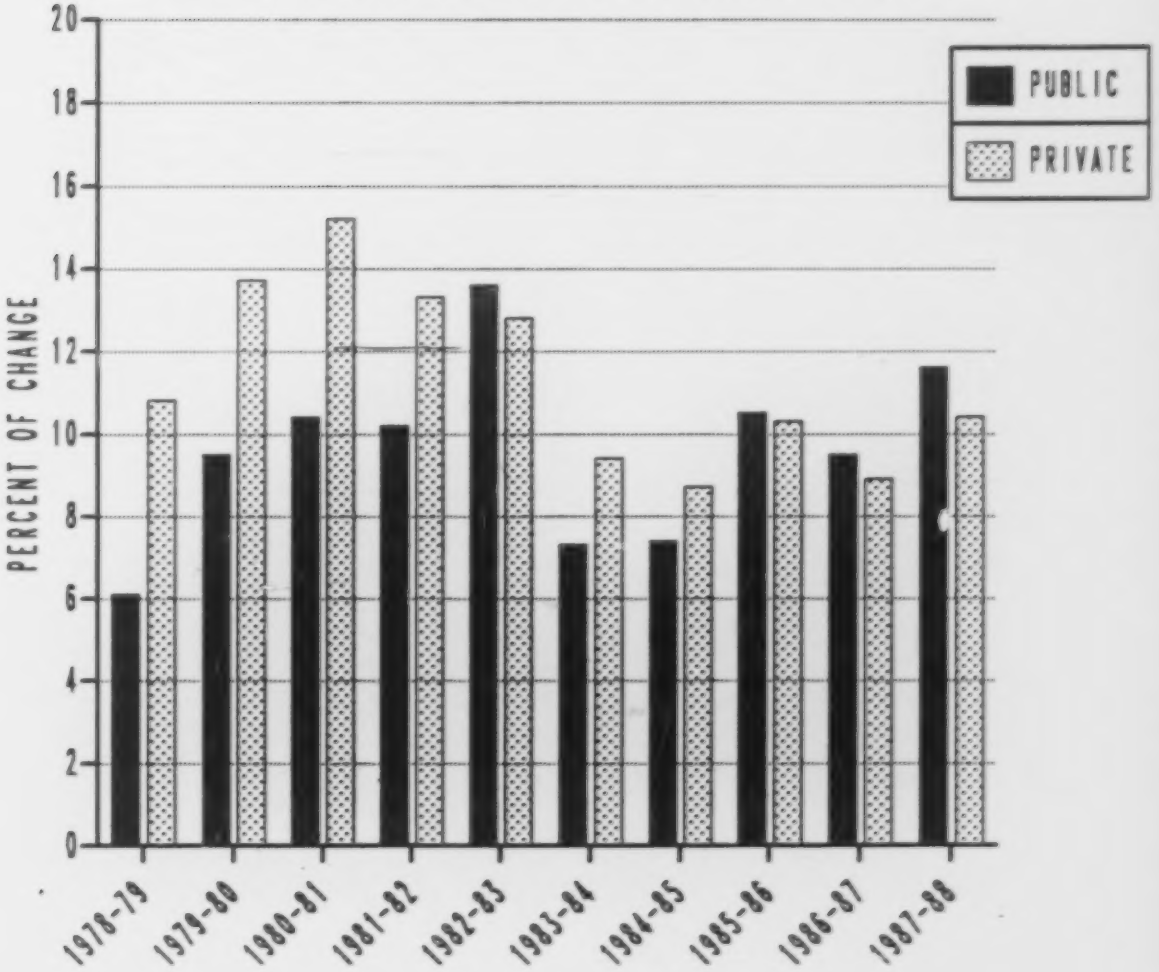
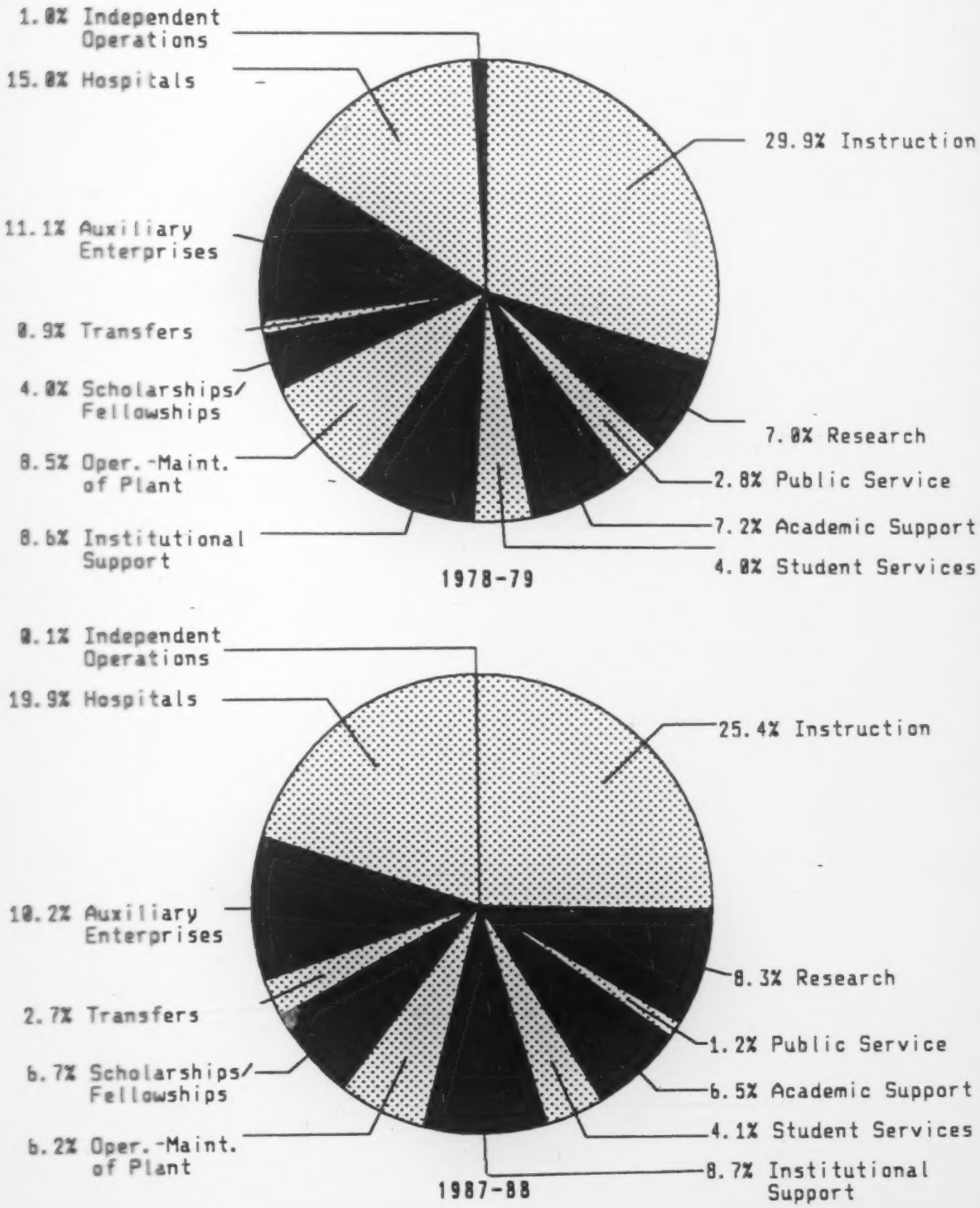


FIGURE 4

CURRENT-FUNDS EXPENDITURES BY FUNCTION



TABLE

CURRENT-FUNDS REVENUES BY SOURCE
1987-

	All Institutions	State Universities	State-Related Commonwealth Universities	Community Colleges
Number of Institutions	147	14	4	14
TOTAL, ALL INSTITUTIONS	$6 835 107 994	$639 811 351	$2 083 219 082	$300 439 180
Tuition and Fees	$2 161 718 731	$178 718 468	$ 506 973 588	$ 87 875 176
Government Appropriations	$ 978 096 177	$298 532 486	$ 452 677 914	$143 619 673
Government Grants and Contracts	$ 791 887 149	$ 59 088 318	$ 296 503 497	$ 39 936 974
Private Gifts/Grants/Contracts	$ 363 087 003	$ 5 336 544	$ 97 863 283	$ 3 970 563
Endowment Income	$ 167 399 920	$ 266 508	$ 29 530 068	$ 53 010
Sales and Services of Educational Activities	$ 75 260 976	$ 1 121 716	$ 36 619 744	$ 150 845
Auxiliary Enterprises	$ 728 514 962	$ 77 282 959	$ 241 593 796	$ 16 895 920
Hospitals	$1 382 533 553	$ 0	$ 397 142 989	$ 0
Other Sources	$ 180 244 273	$ 18 413 983	$ 20 800 142	$ 7 937 019
Independent Operations	$ 6 365 250	$ 1 050 369	$ 3 514 061	$ 0

NOTE: Includes estimated data for nonresponding institutions.

3

BY INSTITUTIONAL CATEGORY
88

Private State-Aided Institutions	Private Colleges and Universities	Theological Seminaries	Private Junior Colleges	
11	80	15	9	Number of Institutions
$1 974 140 059	$1 770 045 352	$ 27 851 643	$ 39 601 327	TOTAL, ALL INSTITUTIONS
$ 400 360 442	$ 961 191 144	$ 5 765 566	$ 20 834 347	Tuition and Fees
$ 74 595 084	$ 7 591 144	$ 0	$ 1 079 876	Government Appropriations
$ 197 969 778	$ 192 788 213	$ 100 741	$ 5 499 628	Government Grants and Contracts
$ 93 726 348	$ 147 712 274	$ 12 761 172	$ 1 716 819	Private Gifts/Grants/Contracts
$ 38 129 824	$ 92 285 542	$ 5 458 393	$ 1 676 575	Endowment Income
$ 29 406 957	$ 7 895 583	$ 46 057	$ 20 074	Sales and Services of Educational Activities
$ 98 113 717	$ 284 428 026	$ 2 557 376	$ 7 643 168	Auxiliary Enterprises
$ 985 390 564	$ 0	$ 0	$ 0	Hospitals
$ 56 139 345	$ 74 660 606	$ 1 162 328	$ 1 130 840	Other Sources
$ 308 000	$ 1 492 820	$ 0	$ 0	Independent Operations

TABLE

CURRENT-FUNDS EXPENDITURES BY FUNCTION
1987-

	All Institutions	State Universities	State-Related Commonwealth Universities	Community Colleges
Number of Institutions	147	14	4	14
TOTAL, ALL INSTITUTIONS	$6 813 540 625	$629 110 542	$2 077 452 322	$303 942 074
Educational and General Expenditures	$4 758 223 287	$551 836 799	$1 423 562 059	$288 377 920
Instruction	1 733 571 104	250 686 326	509 912 350	132 939 061
Research	567 674 434	2 120 980	270 670 185	1 051
Public Service	81 359 131	11 510 851	50 740 139	1 806 011
Academic Support	$ 443 515 270	$ 55 591 854	$ 158 711 349	$ 25 477 276
Student Services	280 178 942	40 328 426	61 199 971	23 988 926
Institutional Support	591 586 074	72 214 655	138 912 840	43 478 471
Operation and Maintenance of Plant	423 708 407	61 099 845	116 965 125	25 481 802
Scholarships and Fellowships	$ 454 732 346	$ 48 209 650	$ 87 553 076	$ 27 365 489
Educational and General Transfers				
- Mandatory	69 865 213	7 067 341	9 392 777	4 562 892
- Non-Mandatory	112 832 366	4 006 871	19 504 247	3 276 941
Auxiliary Enterprises	$ 692 794 181	$ 76 954 027	$ 241 769 354	$ 15 564 154
Hospitals	$1 354 140 939	$ 0	$ 406 919 200	$ 0
Independent Operations	$ 8 382 218	$ 319 716	$ 5 201 709	$ 0

NOTE: Includes estimated data for nonresponding institutions.

4

BY INSTITUTIONAL CATEGORY
88

Private State-Aided Institutions	Private Colleges and Universities	Theological Seminaries	Private Junior Colleges	
11	80	15	9	Number of Institutions
$1 983 100 077	$1 751 214 747	$27 771 327	$40 949 536	TOTAL, ALL INSTITUTIONAL
$ 936 602 427	$1 496 959 785	$25 011 618	$35 872 679	Educational and General Expenditures
319 810 139	502 474 952	7 322 015	10 426 261	Instruction
174 447 680	120 430 483	4 055	0	Research
6 394 528	10 585 462	299 091	23 049	Public Service
$ 80 799 807	$ 118 494 802	$ 2 892 952	$ 1 547 230	Academic Support
31 631 026	116 884 073	1 300 945	4 845 575	Student Services
110 371 632	213 457 493	6 121 921	8 029 062	Institutional Support
79 980 445	132 826 022	3 361 619	3 993 549	Operation and Maintenance of Plant
$ 82 244 693	$ 202 617 441	$ 1 821 943	$ 4 920 054	Scholarships and Fellowships
				Educational and General Transfers
14 622 900	32 254 204	64 859	1 100 240	- Mandatory
36 299 577	46 934 853	1 822 218	987 659	- Non-Mandatory
$ 96 547 341	$ 254 122 739	$ 2 759 709	$ 5 076 857	Auxiliary Enterprises
947 221 739	$ 0	$ 0	$ 0	Hospitals
2 728 570	$ 132 223	$ 0	$ 0	Independent Operations

TABLE 5

PHYSICAL PLANT ASSET VALUES BY TYPE OF ASSET BY INSTITUTIONAL CATEGORY
1987-88

	Total Assets	Land	Buildings	Equipment
TOTAL, REPORTING INSTITUTIONS (137)				
Book Value Beginning of Year	$7 162 290 224	$ 294 796 603	$4 915 158 053	$1 952 335 568
Book Value End of Year	7 778 987 044	325 629 173	5 256 887 543	2 196 470 328
Current Replacement Value	15 653 521 296	-	12 137 702 726	3 515 818 570
STATE UNIVERSITIES (14)				
Book Value Beginning of Year	708 145 212	57 728 452	536 496 173	113 920 587
Book Value End of Year	767 733 428	74 229 894	563 567 323	129 936 211
Current Replacement Value	1 627 098 116	-	1 449 493 033	177 605 083
STATE-RELATED COMMONWEALTH UNIVERSITIES (4)				
Book Value Beginning of Year	1 917 989 523	48 046 828	1 340 535 848	529 406 847
Book Value End of Year	2 047 332 947	53 604 279	1 420 752 943	572 975 725
Current Replacement Value	4 248 653 330	-	3 114 954 629	1 133 698 701
COMMUNITY COLLEGES (14)				
Book Value Beginning of Year	447 037 352	24 045 641	300 957 582	122 034 129
Book Value End of Year	477 123 035	25 420 805	323 863 298	127 838 932
Current Replacement Value	621 490 395	-	493 447 503	128 042 892
PRIVATE STATE-AIDED INSTITUTIONS (10)				
Book Value Beginning of Year	1 663 636 150	60 200 678	1 035 685 607	567 749 865
Book Value End of Year	1 890 673 912	62 793 006	1 149 555 108	678 325 798
Current Replacement Value	3 723 741 009	-	2 691 634 409	1 032 106 600
PRIVATE COLLEGES AND UNIVERSITIES (72)				
Book Value Beginning of Year	2 294 151 044	95 093 027	1 605 456 114	593 601 903
Book Value End of Year	2 460 773 442	99 876 468	1 700 712 832	660 184 142
Current Replacement Value	5 103 542 333	-	4 106 216 175	997 326 158
THEOLOGICAL SEMINARIES (14)				
Book Value Beginning of Year	71 173 833	5 908 862	53 886 905	11 378 066
Book Value End of Year	73 330 349	5 916 606	55 493 884	11 919 859
Current Replacement Value	178 849 001	-	150 596 025	28 252 976
PRIVATE JUNIOR COLLEGES (9)				
Book Value Beginning of Year	60 157 110	3 773 115	42 139 824	14 244 171
Book Value End of Year	62 019 931	3 788 115	42 942 155	15 289 661
Current Replacement Value	150 147 112	-	131 360 952	18 786 160

NOTE: 1. A dash (-) indicates "not applicable."

2. Includes only those institutions reporting physical plant assets. Data was not estimated for nonresponding institutions.

TABLE 6

INDEBTEDNESS ON PHYSICAL PLANT BY INSTITUTIONAL CATEGORY
1987-88

	Balanced Owed on Principal Beginning of Year	Additional Principal Borrowed During the Year	Payments Made on Principal During the Year	Balance Owed on Principal at End of Year	Interest Payments on Physical Plant Indebtedness
TOTAL, REPORTING INSTITUTIONS (118)	$2 368 311 044	$292 036 843	$303 439 973	$2 356 907 914	$152 536 469
State Universities (14)	60 310 080	37 640 847	35 645 852	62 305 075	3 501 078
State-Related Commonwealth Universities (4)	782 138 272	71 634 804	123 308 028	730 465 048	51 140 528
Community Colleges (14)	119 931 704	0	8 938 668	110 993 036	8 410 309
Private State-Aided Institutions (10)	692 991 877	40 712 429	17 822 556	715 881 750	43 086 802
Private Colleges and Universities (62)	699 041 390	141 467 013	114 693 815	725 814 588	45 430 981
Theological Seminaries (6)	830 392	0	206 455	623 937	61 521
Private Junior Colleges (8)	13 067 329	581 750	2 824 599	10 824 480	905 250

NOTE: Includes only those institutions reporting physical plant indebtedness. Does not include data for nonresponding institutions.

TABLE 7

STATEMENT OF CHANGES IN ENDOWMENT FUNDS BY BOOK AND MARKET VALUE AND INSTITUTIONAL CATEGORY
1987-88

	Value of Endowment at the Beginning of the Fiscal Year	Value of Endowment at the End of the Fiscal Year	Endowment Yield
TOTAL, REPORTING INSTITUTIONS (122)			$ 171 803 424
Book Value	$2 570 243 559	$2 840 222 986	
Market Value	3 118 579 990	3 177 842 032	
State Universities (11)			275 178
Book Value	2 808 581	3 678 262	
Market Value	3 064 099	3 926 992	
State-Related Commonwealth Universities (4)			21 067 286
Book Value	345 397 546	386 494 760	
Market Value	385 057 248	406 859 847	
Community Colleges (6)			135 479
Book Value	2 468 137	2 439 944	
Market Value	2 468 139	2 439 946	
Private State-Aided Institutions (9)			54 724 374
Book Value	749 838 091	849 255 271	
Market Value	914 825 636	949 417 013	
Private Colleges and Universities (72)			90 027 954
Book Value	1 392 832 582	1 513 217 509	
Market Value	1 719 775 640	1 718 996 389	
Theological Seminaries (12)			4 805 687
Book Value	66 805 271	73 753 265	
Market Value	80 253 948	83 418 284	
Private Junior Colleges (8)			767 466
Book Value	10 893 351	11 383 975	
Market Value	13 135 280	12 783 561	

NOTE: Includes only those institutions reporting endowment funds. Does not include data for nonresponding institutions.

APPENDIX A

GLOSSARY

CURRENT-FUNDS EXPENDITURES--The costs incurred for goods and services used in the conduct of the institution's current operations. Includes both restricted and unrestricted expenditures.

CURRENT-FUNDS REVENUES--All funds, both restricted and unrestricted, available for financing current operations of the institution. These revenues do not include restricted current funds received but not expended because these revenues have not been earned.

ENDOWMENT FUNDS--Funds whose principal is nonexpendable and that are intended to be invested to provide earnings for institutional use (includes term endowment and quasi-endowment funds).

PHYSICAL PLANT ASSETS--The value of assets owned, rented or used by the institution including land, buildings, and equipment. Does not include those plant values which are a part of endowment or other capital fund investments in real estate.

PHYSICAL PLANT INDEBTEDNESS--Includes indebtedness liability against the physical plant.

PRIVATE CONTROL--Institutions listed in the following categories: the private state-aided institutions, the private colleges and universities, the theological seminaries, and the private junior colleges.

PUBLIC CONTROL--Institutions listed in the following categories: the state universities, the state-related commonwealth universities, and the community colleges.

APPENDIX B

SOURCE

1. Finance (ED G50-14P-F)

APPENDIX C

NONRESPONDENTS
(data estimated)

American College

Annenberg Research Institute

Antioch University

Gratz College

Grove City College

Medical College of Pennsylvania

Moore College of Art

Thiel College

S6795-5.12-U

Public and Nonpublic Schools

High School Graduates 1988

DDS Data Series

Pennsylvania Department of Education 1989

Public and Nonpublic Schools

High School Graduates
1988

This is one in a series of publications containing statistical summaries related to basic education, postsecondary education, and vocational education in Pennsylvania. For more detailed data, contact the Division of Data Services at (717) 787-2644.

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September, 1989

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STATISTICAL HIGHLIGHTS

	NUMBER OF GRADUATES	NUMBER GOING TO COLLEGE	PERCENT TO COLLEGE
1987	142,811	80,126	56.1%
PUBLIC SCHOOL	121,219	64,025	52.8%
NONPUBLIC SCHOOL	21,592	16,101	74.6%
1988	145,929	85,031	58.3%
PUBLIC SCHOOL	124,335	68,360	55.0%
NONPUBLIC SCHOOL	21,594	16,671	77.2%

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OVERVIEW

The numbers of high school graduates, reflecting declining enrollments, decreased from 181,480 in 1979 to 145,929 in 1988, a decline of 19.6 percent. However, in 1988 the number of public school graduates increased 2.5 percent over 1987, and the number of nonpublic school graduates increased by less than 0.1 percent. This increase in high school graduates is only momentary. Next year the decline should resume and continue for the next eight years.

Although the number of high school graduates decreased during the past decade, there has been a steady increase in the percent of high school graduates who continue their education. In 1988, 55.0 percent of the public school graduates entered college compared to 40.4 percent in 1979, and 77.2 percent of the nonpublic graduates entered college, compared to 59.1 percent in 1979. In 1988, of the 11,491 black (non-Hispanic) public school graduates, 49.3 percent (5,662) enrolled in college compared to 43.1 percent in 1987 (4,595 out of 10,672), an increase of 6.2 percent.

Unlike white students where male graduates outnumber female, black public school female graduates continue to outnumber black male graduates. In 1987 there were 12.3 percent more black female graduates than male, and in 1988 there were 14.5 percent more female graduates than male. However, with regard to the number participating in postsecondary education, both black and white females outnumber males.

FIGURE 1

PERCENT OF CHANGE OF PUBLIC AND NONPUBLIC HIGH SCHOOL
GRADUATES COMPARED TO SECONDARY ENROLLMENTS
1979 THROUGH 1988

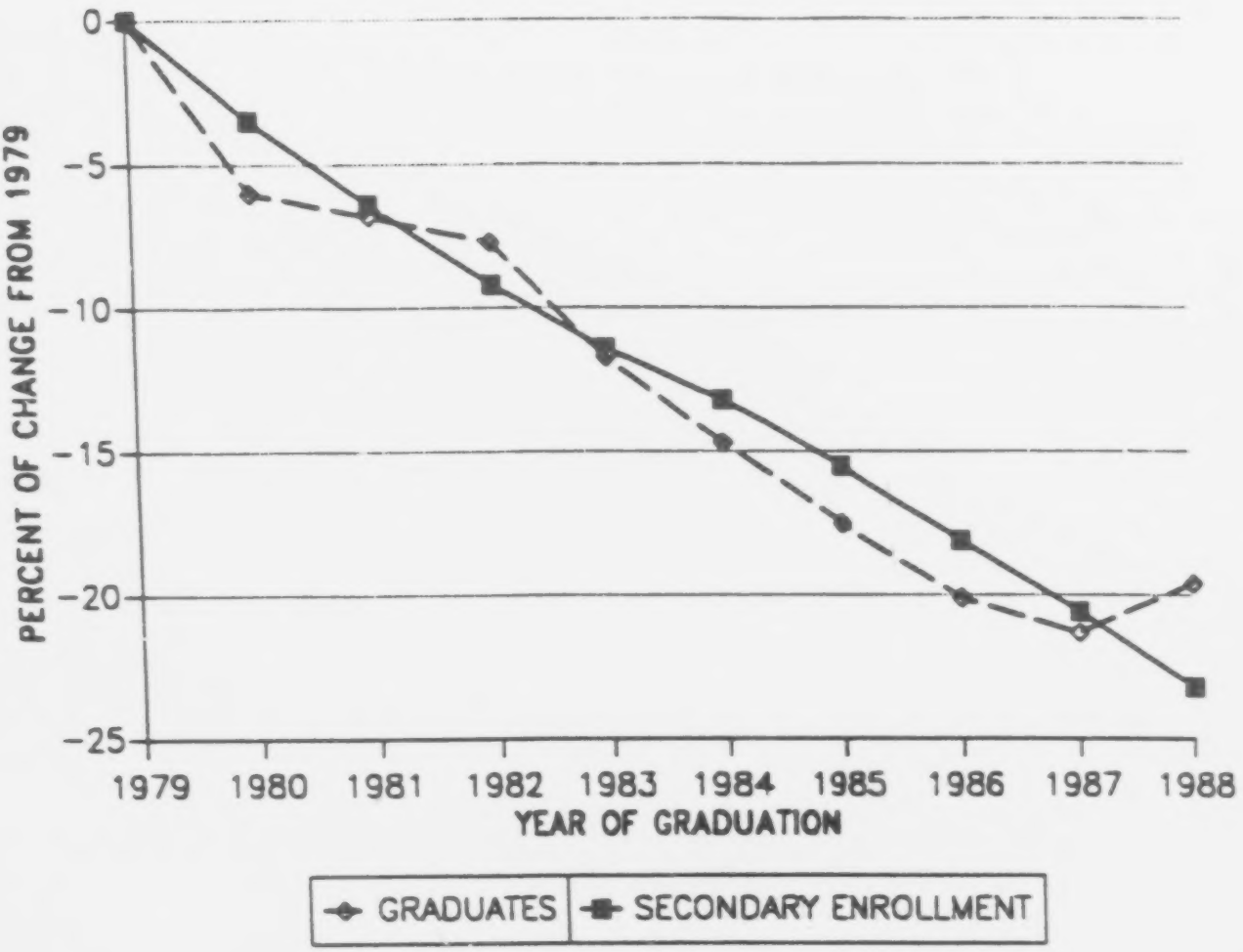


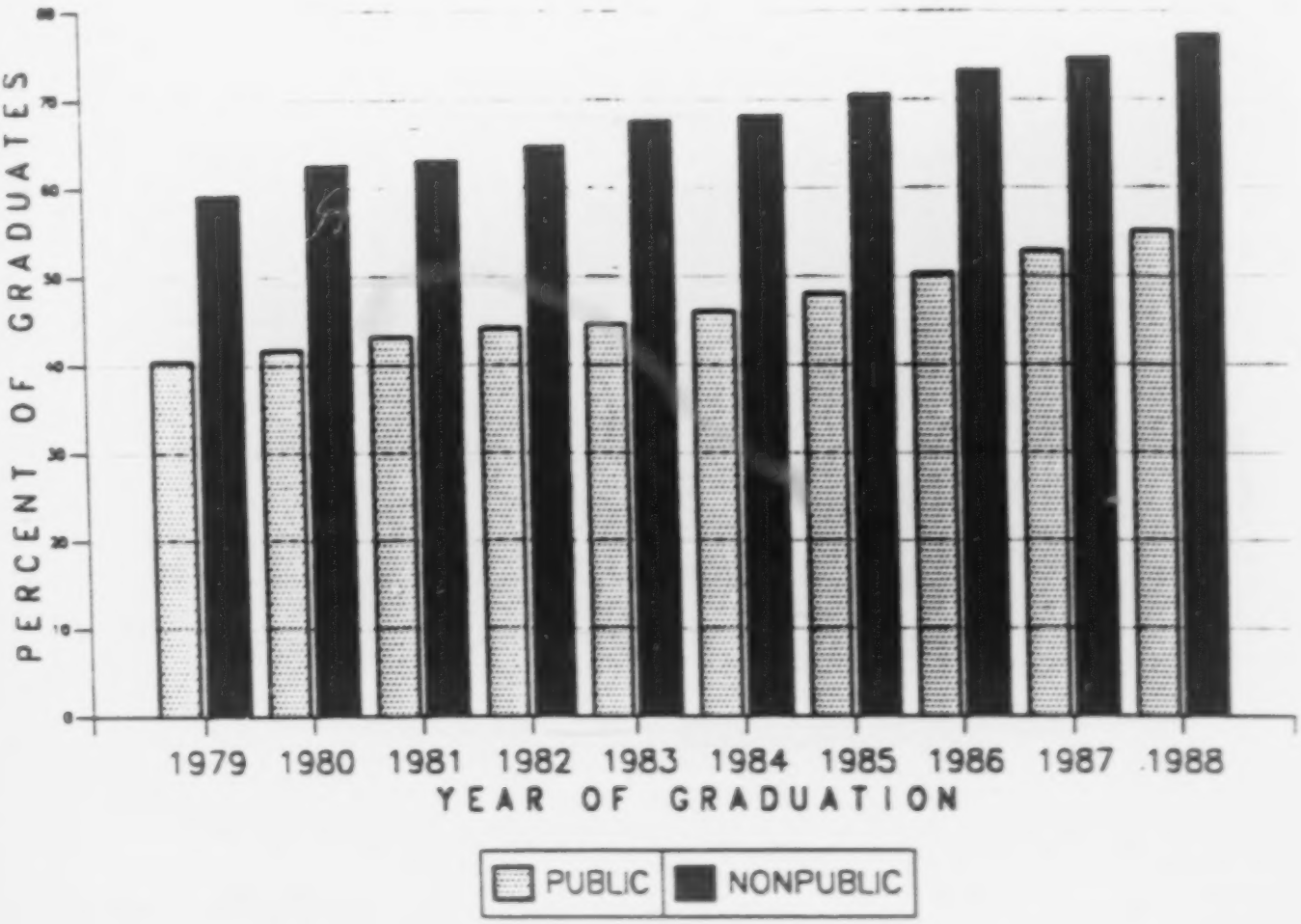
TABLE 1

PUBLIC AND NONPUBLIC HIGH SCHOOL GRADUATES BY SEX AND COUNTY
1988

	TOTAL			PUBLIC			NONPUBLIC		
	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE
TOTAL	148 929	72 268	73 661	124 335	61 896	62 439	21 594	10 372	11 222
ADAMS	1 883	588	495	843	428	415	140	80	80
ALLEGHENY	16 889	8 088	8 801	14 100	7 076	7 024	1 909	932	977
ARMSTRONG	1 014	528	486	1 012	528	484	2	0	2
BEAVER	2 497	1 214	1 283	2 488	1 178	1 250	8	36	53
BEDFORD	719	356	363	714	355	359	5	1	4
BERKS	4 947	2 020	2 027	3 616	1 889	1 887	451	211	220
BLAIR	1 788	878	910	1 639	821	818	149	57	92
BRADFORD	912	474	438	910	472	438	2	2	0
BUCKS	7 175	3 532	3 643	5 821	2 899	2 922	1 354	633	721
BUTLER	1 779	912	867	1 769	907	862	10	5	5
CAMBRIA	2 390	1 173	1 217	2 113	1 033	1 080	277	140	137
CAMERON	85	42	43	85	42	43	0	0	0
CARBON	671	330	341	669	330	339	2	0	2
CENTRE	1 062	528	534	1 047	523	524	15	5	10
CHESTER	4 698	2 388	2 310	4 047	2 007	2 040	651	381	270
CLARION	705	344	361	695	340	355	10	4	6
CLEARFIELD	1 310	661	649	1 259	637	622	51	24	27
CLINTON	455	223	232	455	223	232	0	0	0
COLUMBIA	966	482	484	958	475	475	16	7	9
CRAWFORD	1 018	513	505	1 016	513	503	2	0	2
CUMBERLAND	2 959	1 503	1 456	2 748	1 410	1 338	219	93	126
DAUPHIN	2 673	1 323	1 350	2 342	1 133	1 209	331	190	141
DELAWARE	6 930	3 374	3 556	4 672	2 278	2 394	2 258	1 096	1 162
ELK	513	269	244	465	235	210	48	34	34
ERIE	3 665	1 882	1 863	3 066	1 524	1 542	599	278	321
FAYETTE	1 952	969	963	1 815	910	905	117	59	58
FOREST	128	92	36	73	37	36	55	55	0
FRANKLIN	1 579	784	784	1 385	671	714	185	113	72
FULTON	188	98	90	188	98	90	0	0	0
GREENE	531	269	262	526	268	258	5	1	4
HUNTINGDON	637	321	316	587	317	270	50	4	46
INDIANA	1 118	606	512	1 052	524	508	86	82	4
JEFFERSON	710	361	349	710	361	349	0	0	0
JUNIATA	277	137	140	276	137	139	1	0	1
LACKAWANNA	2 686	1 355	1 331	2 221	1 123	1 098	465	232	233
LANCASTER	6 410	2 149	2 261	3 857	1 989	1 868	553	240	313
LAWRENCE	1 362	688	674	1 329	688	641	33	0	33
LEBANON	1 343	670	673	1 239	622	617	104	48	56
LEHIGH	3 118	1 528	1 582	2 852	1 404	1 448	258	124	134
LUZERNE	4 127	2 055	2 072	541	1 793	1 748	586	262	324
LYCOMING	1 446	741	705	1 488	726	682	38	15	23
MC KEAN	697	339	358	667	318	349	30	21	9
MERCER	1 586	888	784	1 478	746	732	108	54	54
MIFFLIN	549	290	259	538	285	253	11	5	6
MONROE	1 031	523	508	953	488	465	78	35	43
MONTGOMERY	9 385	4 637	4 668	6 564	3 211	3 153	2 941	1 426	1 515
MONTOUR	196	80	116	188	80	108	8	0	8
NORTHAMPTON	3 154	1 546	1 588	2 749	1 353	1 396	385	193	192
NORTHUMBERLAND	1 268	639	629	1 147	585	562	121	54	67
PERRY	586	328	258	547	291	256	39	37	2
PHILADELPHIA	15 318	7 090	8 228	9 685	4 453	5 232	5 713	2 637	3 076
PIKE	147	73	74	147	73	74	0	0	0
POTTER	276	140	136	276	140	136	0	0	0
SCHUYLKILL	1 883	984	899	1 564	789	775	239	115	124
SNYDER	439	221	218	438	221	217	1	0	1
SOMERSET	1 057	546	511	1 038	535	503	19	11	8
SULLIVAN	75	36	39	72	35	37	3	1	2
SUSQUEHANNA	618	307	303	610	307	303	8	0	8
TIOGA	545	268	277	538	267	271	7	1	6
UNION	324	164	160	314	159	155	10	5	5
VENANGO	882	437	445	842	413	429	40	24	16
WARREN	616	322	294	610	319	291	6	3	3
WASHINGTON	2 873	1 444	1 429	2 734	1 382	1 352	139	62	77
WAYNE	567	281	286	550	274	276	17	7	10
WESTMORELAND	5 125	2 557	2 568	4 855	2 438	2 417	270	119	151
WYOMING	414	205	209	412	204	208	2	1	1
YORK	3 896	1 891	2 005	3 635	1 774	1 861	261	117	144

FIGURE 2

PERCENT OF PUBLIC AND NONPUBLIC HIGH SCHOOL
GRADUATES GOING ON TO COLLEGE
1979 THROUGH 1988



Public

High School

Graduates

TABLE 2

PUBLIC HIGH SCHOOL GRADUATES BY COUNTY
1979 THROUGH 1988

	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988
TOTAL	155 442	146 458	144 518	143 356	138 494	132 412	127 226	123 871	121 219	124 335
ADAMS	882	817	872	842	840	887	818	791	798	843
ALLEGHENY	20 997	18 954	18 367	17 874	16 962	16 098	15 637	14 430	13 886	14 100
ARMSTRONG	1 425	1 334	1 296	1 280	1 158	1 133	1 171	1 252	1 098	1 012
BEAVER	3 446	3 091	3 092	2 913	2 858	2 597	2 582	2 383	2 305	2 408
BEDFORD	801	763	760	763	746	708	675	663	718	714
BERKS	4 284	4 049	4 093	4 220	4 823	3 827	3 688	3 422	3 458	3 616
BLAIR	2 181	2 091	2 174	1 894	1 833	1 813	1 547	1 598	1 626	1 639
BRADFORD	1 160	1 123	1 041	1 101	1 086	977	852	947	986	910
BUCKS	7 167	6 759	6 325	6 749	6 238	6 137	5 747	5 686	5 460	5 821
BUTLER	2 288	2 121	2 153	2 157	2 094	2 020	1 948	1 858	1 842	1 769
CAMBRIA	2 743	2 485	2 464	2 478	2 484	2 381	2 209	1 993	2 098	2 113
CAMERON	104	111	112	102	107	98	98	86	82	85
CARBON	706	693	677	679	649	660	611	636	626	669
CENTRE	1 326	1 237	1 204	1 280	1 194	1 097	1 115	1 088	1 170	1 047
CHESTER	4 350	4 279	4 305	4 216	4 067	4 005	3 784	3 898	3 937	4 047
CLARION	757	754	728	734	731	679	678	680	639	695
CLEARFIELD	1 485	1 338	1 366	1 394	1 328	1 365	1 273	1 194	1 277	1 259
CLINTON	596	499	518	549	489	444	455	439	453	455
COLUMBIA	1 055	996	988	962	945	959	952	875	886	950
CRAWFORD	1 073	1 078	928	1 068	1 043	1 005	975	916	921	1 016
CUMBERLAND	3 069	2 964	2 858	3 071	2 887	2 618	2 488	2 413	2 441	2 740
DAUPHIN	2 893	2 815	3 088	2 671	2 553	2 432	2 294	2 254	2 237	2 342
DELAWARE	6 802	6 533	6 439	6 148	5 889	5 371	4 897	4 732	4 719	4 672
ELK	567	529	586	532	477	496	528	494	487	445
ERIE	3 812	3 554	3 588	3 531	3 416	3 222	3 234	3 156	2 917	3 066
FAYETTE	2 262	2 105	1 946	2 088	1 949	1 874	1 936	1 801	1 798	1 815
FOREST	81	95	83	97	98	78	85	77	64	73
FRANKLIN	1 494	1 473	1 577	1 576	1 482	1 329	1 466	1 422	1 372	1 385
FULTON	160	219	186	214	183	194	185	179	179	180
GREENE	588	551	544	552	555	555	509	556	575	526
HUNTINGDON	609	587	614	595	548	562	545	522	558	587
INDIANA	1 178	1 156	1 126	1 142	1 132	1 118	1 134	1 073	1 137	1 032
JEFFERSON	763	748	772	718	726	673	648	648	626	710
JUNIATA	273	271	276	279	252	280	260	257	219	276
LACKAWANNA	2 819	2 744	2 555	2 481	2 424	2 483	2 153	2 198	2 258	2 221
LANCASTER	4 278	4 084	4 235	4 051	3 835	3 739	3 714	3 696	3 688	3 857
LAWRENCE	1 687	1 520	1 478	1 450	1 369	1 320	1 326	1 272	1 223	1 329
LEBANON	1 507	1 535	1 519	1 514	1 468	1 323	1 276	1 272	1 246	1 239
LEHIGH	3 556	3 380	3 414	3 489	3 217	3 083	3 049	3 790	2 730	2 852
LUZERNE	4 223	4 027	4 083	3 867	3 963	3 761	3 508	3 563	3 581	3 542
LYCOMING	1 798	1 623	1 646	1 627	1 587	1 486	1 442	1 388	1 375	1 408
MC KEAN	792	740	703	758	722	693	691	665	658	667
MERCER	1 995	1 805	1 813	1 785	1 798	1 425	1 595	1 477	1 454	1 478
MIFFLIN	578	562	559	613	604	579	541	559	583	538
MONROE	884	832	802	857	889	910	818	861	888	953
MONTGOMERY	8 354	7 994	7 888	7 705	7 299	6 758	6 585	6 382	6 141	6 364
MONTOUR	232	201	236	215	210	182	184	170	194	188
NORTHAMPTON	3 029	2 949	2 975	3 009	2 973	2 853	2 780	2 630	2 441	2 749
NORTHUMBERLAND	1 337	1 268	1 332	1 361	1 339	1 287	1 203	1 109	1 149	1 147
PERRY	481	446	472	520	519	503	504	493	494	547
PHILADELPHIA	12 484	11 467	10 752	10 724	10 554	10 493	9 678	9 539	9 318	9 605
PIKE	134	152	121	152	144	120	125	127	127	147
POTTER	319	287	273	302	257	264	321	255	297	276
SCHUYLKILL	1 913	1 818	1 826	1 792	1 742	1 611	1 568	1 599	1 582	1 564
SNYDER	433	432	437	428	462	431	415	485	410	438
SOMERSET	1 276	1 200	1 164	1 142	1 100	1 103	972	981	1 034	1 038
SULLIVAN	102	110	109	95	94	109	92	87	83	72
SUSQUEHANNA	668	647	594	645	625	598	606	587	580	610
TIOGA	656	656	689	605	589	558	586	549	535	538
UNION	334	344	319	353	332	644	646	311	308	314
VENANGO	1 097	1 006	986	991	935	946	914	878	856	842
WARREN	763	728	715	665	650	719	615	589	569	610
WASHINGTON	3 304	2 952	2 919	3 029	2 920	2 854	2 571	2 673	2 540	2 734
WAYNE	564	544	551	587	493	569	509	472	517	550
WESTMORELAND	6 294	5 854	5 893	6 013	5 856	5 504	5 420	4 944	4 918	4 855
WYOMING	355	378	358	364	340	385	317	405	347	412
YORK	4 085	4 079	4 056	3 882	3 643	3 633	3 660	3 557	3 647	3 635

TABLE 3

PUBLIC HIGH SCHOOL GRADUATES BY RACE AND COUNTY
1988

	TOTAL	AMERICAN INDIAN/ALASKAN NATIVE	ASIAN/ PACIFIC ISLANDER	BLACK (NON-HISPANIC)	HISPANIC	WHITE (NON-HISPANIC)
TOTAL	124 335	54	1 451	11 491	1 401	109 938
ADAMS	843	0	2	16	6	819
ALLEGHENY	14 100	5	116	1 937	21	12 021
ARMSTRONG	1 012	0	1	11	0	1 000
BEAVER	2 408	0	6	190	6	2 206
BEDFORD	714	1	4	2	1	706
BERKS	3 616	1	32	114	103	3 366
BLAIR	1 639	0	5	13	1	1 620
BRADFORD	910	0	1	2	0	907
BUCKS	5 821	12	79	203	60	5 467
BUTLER	1 769	0	3	6	3	1 757
CAMBRIA	2 113	1	2	52	1	2 057
CAMERON	85	0	0	0	0	85
CARBON	669	0	3	1	6	659
CENTRE	1 047	0	13	2	0	1 032
CHESTER	4 047	2	44	313	58	3 630
CLARION	695	0	1	2	1	691
CLEARFIELD	1 259	1	3	0	0	1 255
CLINTON	455	0	3	0	0	452
COLUMBIA	950	0	4	1	2	943
CRAWFORD	1 016	0	2	14	1	999
CUMBERLAND	2 748	1	33	37	3	2 666
DAUPHIN	2 342	4	36	391	25	1 886
DELAWARE	4 672	0	85	608	29	3 950
ELK	445	0	2	0	1	442
ERIE	3 066	0	15	172	18	2 861
FAYETTE	1 815	1	3	98	3	1 710
FOREST	73	0	0	0	1	72
FRANKLIN	1 385	0	9	37	3	1 336
FULTON	180	0	0	1	0	179
GREENE	526	0	2	2	0	522
HUNTINGDON	587	0	1	13	0	573
INDIANA	1 032	0	8	12	1	1 011
JEFFERSON	710	0	2	0	0	708
JUNIATA	276	0	2	0	0	274
LACKAWANNA	2 221	0	14	18	2	2 187
LANCASTER	3 857	1	57	113	127	3 559
LAWRENCE	1 329	0	9	50	3	1 267
LEBANON	1 239	0	11	7	32	1 189
LEHIGH	2 852	1	22	88	103	2 638
LUZERNE	3 541	1	11	18	2	3 509
LYCOMING	1 498	1	3	13	4	1 387
MC KEAN	667	1	1	2	1	662
MERCER	1 478	1	4	105	7	1 361
MIFFLIN	538	0	1	3	0	534
MONROE	953	0	7	10	4	932
MONTGOMERY	6 364	2	231	482	58	5 591
MONTOUR	188	0	1	0	0	187
NORTHAMPTON	2 749	6	40	75	112	2 516
NORTHUMBERLAND	1 147	1	4	4	5	1 133
PERRY	547	0	3	0	2	542
PHILADELPHIA	9 605	1	450	5 878	538	2 738
PIKE	147	0	0	0	3	144
POTTER	276	0	0	1	0	275
SCHUYLKILL	1 564	0	3	5	5	1 551
SNYDER	438	0	1	0	1	436
SOMERSET	1 038	0	1	0	0	1 037
SULLIVAN	72	0	0	0	0	72
SUSQUEHANNA	610	0	1	0	1	608
TIOGA	538	0	1	1	0	536
UNION	314	0	3	2	0	309
VENANGO	842	1	2	6	1	832
WARREN	610	2	0	1	3	604
WASHINGTON	2 734	0	1	83	4	2 646
WAYNE	550	0	0	2	0	548
WESTMORELAND	4 855	2	19	98	0	4 736
WYOMING	412	0	1	2	0	409
YORK	3 635	4	27	174	29	3 401

TABLE 4

PUBLIC HIGH SCHOOL GRADUATES BY POST-HIGH SCHOOL ACTIVITY AND COUNTY (PART A)
1988

	TOTAL	PENNSYLVANIA				COLLEGE/ UNIVERSITY OUTSIDE OF PENNSYLVANIA	PENNSYLVANIA	
		COMMUNITY COLLEGE	PRIVATE 2-YEAR COLLEGE	PUBLIC 4-YEAR COLLEGE OR UNIVERSITY	PRIVATE 4-YEAR COLLEGE OR UNIVERSITY		OTHER POST-SEC. (AST or ASB DEGREE)	OTHER POST-SECONDARY (NONDEGREE)
TOTAL	124 335	10 254	1 114	28 685	11 669	12 368	4 270	7 946
ADAMS	843	25	2	141	36	88	23	67
ALLEGHENY	14 188	1 581	28	3 756	1 426	1 971	494	970
ARMSTRONG	1 812	39	1	269	47	43	52	112
BEAVER	2 488	286	3	541	278	193	124	232
BEDFORD	714	10	5	131	26	84	41	57
BERKS	3 616	122	33	867	446	274	143	193
BLAIR	1 639	27	15	348	225	75	72	73
BRADFORD	910	36	14	195	57	78	45	55
BUCKS	5 821	1 049	57	1 139	549	698	59	288
BUTLER	1 749	259	1	390	280	133	26	200
CAMBRIA	2 113	33	63	587	96	65	104	196
CAMERON	85	2	1	18	6	5	8	6
CARBON	449	68	6	116	68	18	36	46
CENTRE	1 847	22	3	457	37	74	54	29
CHESTER	4 847	174	58	1 985	415	987	83	256
CLARION	695	23	1	223	21	11	19	46
CLEARFIELD	1 258	28	6	391	41	25	103	73
CLINTON	455	61	1	116	32	18	21	34
COLUMBIA	958	91	18	260	66	36	19	44
CRAWFORD	1 016	18	8	258	117	74	27	75
CUMBERLAND	2 748	341	13	649	168	421	53	123
DAUPHIN	2 342	582	9	451	143	226	56	98
DELAWARE	4 672	574	39	877	594	720	91	217
ELK	446	11	8	134	23	17	19	64
ERIE	3 966	19	31	689	298	249	104	202
FAYETTE	1 815	27	8	439	85	88	62	130
FOREST	73	1	8	16	3	1	1	3
FRANKLIN	1 386	32	19	293	71	189	59	93
FULTON	188	3	1	43	2	24	4	12
GREENE	526	1	8	101	49	52	17	30
HUNTINGDON	587	16	7	186	39	22	34	46
INDIANA	1 032	24	3	354	46	51	36	70
JEFFERSON	710	8	8	175	46	16	66	47
JUNIATA	276	14	8	66	13	12	26	8
LACKAWANNA	2 221	30	148	557	429	188	66	111
LANCASTER	3 857	62	28	795	326	489	118	345
LAWRENCE	1 329	22	8	312	128	128	64	68
LEBANON	1 239	85	4	298	185	78	39	86
LEHIGH	2 852	344	30	685	294	284	128	92
LUZERNE	3 541	668	28	669	547	127	76	178
LYCOMING	1 488	241	3	315	138	74	48	37
MCKEAN	667	18	2	176	21	51	28	60
MERCER	1 478	19	1	395	184	114	86	134
MIFFLIN	538	43	2	119	39	12	13	43
MONROE	953	32	8	271	55	83	18	36
MONTGOMERY	6 364	621	74	1 429	785	1 258	66	267
MONTOUR	188	5	3	61	37	16	1	5
NORTHAMPTON	2 749	387	24	516	385	263	131	171
NORTHUMBERLAND	1 147	58	4	216	96	35	39	68
PERRY	547	95	2	75	23	17	33	31
PHILADELPHIA	9 605	1 121	182	1 957	787	840	296	602
PIKE	147	8	8	21	8	43	5	11
POTTER	276	12	8	54	11	18	6	21
SCHUYLKILL	1 564	82	5	484	158	48	109	131
SNYDER	438	48	7	81	39	19	17	21
SOMERSET	1 038	25	16	226	59	89	62	78
SULLIVAN	72	12	8	15	3	2	2	3
SUSQUEHANNA	618	17	17	119	66	88	19	40
TIOGA	538	66	3	127	27	27	20	22
UNION	314	14	2	61	35	33	6	6
VENANGO	842	28	1	181	82	65	55	48
WARREN	618	28	1	148	24	29	27	68
WASHINGTON	2 734	73	9	427	214	338	152	274
WAYNE	558	7	38	99	41	33	26	45
WESTMORELAND	4 855	427	15	1 343	459	444	236	364
WYOMING	412	11	29	86	56	41	33	19
YORK	3 635	54	24	733	368	389	162	257

NOTE: The degrees Associate in Specialized Business (ASB) and Associate in Specialized Technology (AST) are included in the number of high school graduates going on to college.

TABLE 4

PUBLIC HIGH SCHOOL GRADUATES BY POST-HIGH SCHOOL ACTIVITY AND COUNTY (PART B)
1988

	FARM WORKER	HOMEMAKER	MILITARY	WHITE COLLAR	BLUE COLLAR	SERVICE WORKER	UNEMPLOYED	UNKNOWN
TOTAL	612	1 300	7 412	10 865	12 840	2 863	5 351	8 386
ADAMS	9	7	60	80	167	10	33	97
ALLEGHENY	2	65	785	804	884	140	372	824
ARMSTRONG	5	30	62	64	69	16	181	22
BEAVER	14	18	172	93	149	21	152	112
BEDFORD	20	19	50	84	101	8	48	30
BERKS	23	26	244	317	498	51	145	235
BLAIR	7	44	113	113	147	15	95	262
BRADFORD	22	37	97	41	118	8	62	45
BUCKS	2	36	153	562	420	38	32	719
BUTLER	8	21	107	84	90	14	141	95
CAMBRIA	9	31	166	186	264	55	134	124
CAMERON	0	4	11	3	12	0	11	3
CARBON	1	4	58	46	150	6	11	41
CENTRE	22	5	60	85	144	3	27	45
CHESTER	29	27	134	340	349	95	62	125
CLARION	4	14	52	50	138	7	57	29
CLEARFIELD	3	26	107	86	177	15	77	101
CLINTON	4	4	35	13	53	6	26	39
COLUMBIA	6	14	77	64	200	7	15	63
CRAWFORD	19	25	88	92	112	11	49	59
CUMBERLAND	10	13	167	211	346	28	112	85
DAUPHIN	13	8	150	212	305	23	23	103
DELAWARE	1	32	113	476	301	68	129	440
ELK	3	10	55	29	44	16	5	15
ERIE	15	48	247	220	383	13	147	418
FAYETTE	3	63	114	85	275	0	224	214
FOREST	2	0	8	9	18	4	6	1
FRANKLIN	16	12	123	98	237	93	68	62
FULTON	6	3	23	19	29	0	2	3
GREENE	3	19	37	47	54	0	62	54
HUNTINGDON	14	9	83	35	87	3	75	11
INDIANA	4	8	92	57	86	11	51	139
JEFFERSON	11	14	27	45	93	19	86	57
JUNIATA	8	7	15	32	65	23	6	3
LACKAWANNA	2	23	78	223	273	15	64	94
LANCASTER	40	10	179	350	586	136	240	313
LAWRENCE	0	15	74	111	122	30	95	159
LEBANON	9	4	79	140	217	39	37	69
LEHIGH	3	14	143	214	266	81	171	91
LUZERNE	5	35	213	240	304	50	167	234
LYCOMING	9	16	94	75	152	11	46	157
MCKEAN	1	16	75	55	58	36	40	30
MERCER	11	14	108	71	115	24	81	119
MIFFLIN	2	3	42	24	17	35	66	87
MONROE	0	7	58	94	126	21	24	117
MONTGOMERY	2	29	139	481	486	78	183	548
MONTOUR	2	0	12	14	24	0	0	8
NORTHAMPTON	4	18	155	247	275	59	77	117
NORTHUMBERLAND	11	33	107	133	185	51	75	44
PERRY	5	6	49	71	111	12	12	7
PHILADELPHIA	3	68	661	1 399	806	130	300	543
PIKE	0	0	10	17	28	0	4	0
POTTER	8	5	51	15	58	0	15	2
SCHUYLKILL	15	26	104	147	170	26	75	80
SNYDER	11	10	27	41	87	15	6	17
SOMERSET	14	22	72	86	162	11	47	69
SULLIVAN	3	1	5	6	15	3	2	0
SUSQUEHANNA	8	9	67	41	69	5	8	59
TIOGA	10	28	61	22	71	1	43	32
UNION	4	2	25	23	45	19	8	28
VENANGO	2	6	86	63	48	26	142	0
WARREN	3	14	66	46	86	2	27	49
WASHINGTON	8	31	166	143	247	59	150	243
WAYNE	4	4	39	43	128	3	6	42
WESTMORELAND	47	84	251	250	334	130	283	188
WYOMING	0	2	29	30	35	9	19	13
YORK	39	42	282	448	649	101	112	143

TABLE 5

PUBLIC HIGH SCHOOL GRADUATES BY RACE, SEX, AND POST-HIGH SCHOOL ACTIVITY
1988

	TOTAL			AMERICAN INDIAN/ALASKAN NATIVE		ASIAN/ PACIFIC ISLANDER		BLACK (NON-HISPANIC)		HISPANIC		WHITE (NON-HISPANIC)	
	TOTAL	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE
TOTAL	124 335	61 896	62 439	31	23	749	702	5 357	6 134	652	749	55 107	54 831
PENNSYLVANIA INSTITUTIONS													
Community College	10 254	4 598	5 656	3	4	78	63	468	702	67	121	3 982	4 766
Private 2-yr. College	1 114	347	767	3	0	2	8	47	126	1	18	294	615
Public 4-yr. College or University	28 685	13 725	14 960	3	3	241	227	832	1 260	73	89	12 576	13 381
Private 4-yr. College or University	11 669	5 464	6 205	0	1	124	146	273	400	38	53	5 029	5 605
OUTSIDE PENNSYLVANIA													
College and University	12 368	6 079	6 289	2	3	154	145	577	626	42	46	5 304	5 469
PENNSYLVANIA													
Other Postsecondary School (AST OR ASB Degree)	4 270	1 739	2 531	1	3	16	9	133	218	13	16	1 576	2 285
Other Postsecondary School (Non-Degree)	7 946	2 823	5 123	3	1	31	23	307	459	53	61	2 429	4 579
OTHER													
Farm Worker	612	524	88	0	0	0	0	1	4	0	5	523	79
Homemaker	1 380	40	1 260	0	0	0	1	2	117	1	31	37	1 111
Military	7 412	6 321	1 091	2	1	20	3	833	268	83	16	5 383	803
White collar Worker	10 065	2 650	7 415	1	3	13	30	359	892	44	146	2 233	6 344
Blue Collar Worker	12 840	9 913	2 927	9	1	29	7	709	266	92	36	9 074	2 617
Service Worker	2 063	611	1 452	0	1	3	2	58	122	13	15	545	1 312
Unemployed	5 351	2 597	2 754	2	0	3	7	232	237	41	37	2 319	2 473
Unknown	8 386	4 465	3 921	2	2	35	31	534	437	91	59	3 803	3 392

NOTE: The degrees Associate in Specialized Business (ASB) and Associate in Specialized Technology (AST) are included in the number of high school graduates going on to college.

Nonpublic

High School

Graduates

TABLE 6

NONPUBLIC HIGH SCHOOL GRADUATES BY COUNTY
1979 THROUGH 1988

	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988
TOTAL	25 966	24 232	24 511	24 185	22 835	22 332	22 448	22 134	21 592	21 594
ADAMS	165	159	148	184	158	173	142	168	160	160
ALLEGHENY	2 577	2 588	2 461	2 296	2 298	2 327	2 284	2 094	1 954	1 909
ARMSTRONG	0	0	0	5	5	0	0	0	12	2
BEAVER	138	146	152	144	154	149	124	127	130	89
BEDFORD	0	0	0	16	5	13	8	7	6	5
BERKS	451	449	497	431	406	391	407	372	425	431
BLAIR	214	223	211	175	171	181	152	161	129	149
BRADFORD	0	0	0	0	2	0	0	0	0	2
BUCKS	1 440	1 358	1 444	1 157	1 153	1 414	1 418	1 478	1 279	1 354
BUTLER	12	0	17	9	7	7	10	7	15	10
CAMBRIA	298	292	301	255	283	252	283	230	239	277
CAMERON	0	0	0	0	0	0	0	0	0	0
CARBON	0	0	0	0	0	0	0	0	0	2
CENTRE	0	0	8	15	8	15	14	11	11	15
CHESTER	532	604	560	580	597	681	585	622	690	651
CLARION	0	0	0	0	0	0	0	0	4	10
CLEARFIELD	76	89	82	97	87	64	47	58	44	51
CLINTON	0	0	0	0	2	0	0	0	0	0
COLUMBIA	7	0	0	17	8	0	0	0	8	16
CRAWFORD	0	0	0	0	0	13	0	0	0	2
CUMBERLAND	131	126	112	175	165	159	214	172	231	219
DAUPHIN	367	336	368	339	323	309	321	294	323	331
DELAWARE	3 086	2 711	2 745	2 788	2 532	2 685	2 599	2 378	2 321	2 258
ELK	152	167	159	133	133	133	111	97	80	68
ERIE	676	683	597	647	612	616	640	654	590	594
FAYETTE	106	86	105	112	91	107	65	100	81	117
FOREST	39	53	42	48	44	20	23	56	39	55
FRANKLIN	168	147	158	192	171	177	167	168	170	185
FULTON	0	0	0	0	0	0	0	0	13	0
GREENE	2	3	3	4	0	0	0	0	7	5
HUNTINGDON	0	0	0	33	41	36	26	24	0	50
INDIANA	66	76	79	69	67	76	70	88	66	86
JEFFERSON	0	0	0	0	0	18	0	0	0	0
JUNIATA	0	0	0	0	0	0	0	0	3	1
LACKAWANNA	609	568	556	547	516	487	493	509	508	465
LANCASTER	507	481	474	488	483	458	494	476	485	553
LAWRENCE	43	42	31	44	33	38	32	22	53	33
LEBANON	100	88	80	113	117	66	127	78	112	104
LEHIGH	254	276	219	269	248	249	209	244	229	258
LUZERNE	854	849	779	765	721	686	654	673	681	586
LYCOMING	56	56	59	46	44	39	43	55	50	38
MC KEAN	47	39	46	30	43	27	31	24	33	30
MERCER	143	130	128	154	142	122	114	113	98	108
MIFFLIN	27	14	18	19	17	21	13	9	7	11
MONROE	93	79	105	89	88	72	75	56	71	78
MONTGOMERY	2 855	2 543	2 895	2 791	2 770	2 754	2 760	2 710	2 795	2 941
MONTOUR	18	27	16	12	11	11	12	20	14	8
NORTHAMPTON	449	391	432	419	426	442	483	408	406	385
NORTHUMBERLAND	171	190	166	160	153	160	147	124	116	121
PERRY	31	29	24	24	23	26	27	42	38	39
PHILADELPHIA	7 905	7 125	7 134	7 281	6 443	5 759	6 122	6 162	5 836	5 713
PIKE	0	0	0	0	0	0	0	0	0	0
POTTER	0	0	0	0	0	0	0	0	0	0
SCHUYLKILL	356	336	352	325	316	275	295	279	262	239
SNYDER	28	15	13	15	13	11	9	9	9	1
SOMERSET	23	17	16	19	22	13	26	28	22	19
SULLIVAN	0	0	0	0	5	0	0	0	6	3
SUSQUEHANNA	0	0	0	0	0	0	0	0	0	0
TIOGA	0	0	0	6	0	0	0	3	4	7
UNION	0	0	0	0	2	9	0	4	4	10
VENANGO	70	71	68	47	49	7	67	56	44	40
WARREN	0	0	0	0	0	0	0	3	7	6
WASHINGTON	191	144	150	162	144	168	138	167	150	139
WAYNE	3	3	6	0	5	8	4	10	7	17
WESTMORELAND	258	290	275	285	248	247	253	256	232	270
WYOMING	0	0	0	0	0	0	0	0	2	2
YORK	202	221	232	258	230	249	182	236	289	261

TABLE 7

NONPUBLIC HIGH SCHOOL GRADUATES BY RACE AND COUNTY
1988

	TOTAL	AMERICAN INDIAN/ALASKAN NATIVE	ASIAN/ PACIFIC ISLANDER	BLACK (NON-HISPANIC)	HISPANIC	WHITE (NON-HISPANIC)
TOTAL	21 594	18	385	1 278	325	19 668
ADAMS	160	0	0	0	0	160
ALLEGHENY	1 909	0	27	75	3	1 804
ARMSTRONG	2	0	0	0	0	2
BEAVER	89	4	0	5	2	78
BEDFORD	5	0	0	0	0	5
BERKS	431	0	6	96	11	318
BLAIR	149	0	0	1	0	148
BRADFORD	2	0	0	0	0	2
BUCKS	1 354	5	19	22	9	1 299
BUTLER	10	0	0	0	0	10
CAMBRIA	277	0	3	1	0	273
CAMERON	0	0	0	0	0	0
CARBON	2	0	0	0	0	2
CENTRE	15	1	1	0	0	13
CHESTER	651	0	10	17	2	622
CLARION	10	0	0	0	0	10
CLEARFIELD	51	0	0	0	0	51
CLINTON	0	0	0	0	0	0
COLUMBIA	16	0	0	0	0	16
CRAWFORD	2	0	0	0	0	2
CUMBERLAND	219	0	0	6	0	213
DAUPHIN	331	0	10	41	13	267
DELAWARE	2 258	0	28	104	30	2 096
ELK	68	0	1	0	1	66
ERIE	599	2	7	19	2	569
FAYETTE	117	0	0	0	5	112
FOREST	55	0	0	10	3	42
FRANKLIN	185	3	12	5	3	162
FULTON	0	0	0	0	0	0
GREENE	5	0	0	0	0	5
HUNTINGDON	50	0	0	1	2	47
INDIANA	86	0	2	1	1	82
JEFFERSON	0	0	0	0	0	0
JUNIATA	1	0	0	0	0	1
LACKAWANNA	465	0	1	1	0	463
LANCASTER	553	1	6	8	15	523
LAWRENCE	33	0	7	6	3	17
LEBANON	104	0	0	0	1	103
LEHIGH	258	0	10	1	6	241
LUZERNE	586	0	2	0	1	583
LYCOMING	38	0	1	0	1	36
MCKEAN	30	0	1	1	0	28
MERCER	108	0	0	3	0	105
MIFFLIN	11	0	0	0	0	11
MONROE	78	0	0	0	2	76
MONTGOMERY	2 941	0	61	133	20	2 727
MONTOUR	8	0	1	0	1	6
NORTHAMPTON	385	0	5	2	19	359
NORTHUMBERLAND	121	0	0	0	0	121
PERRY	39	0	0	3	0	36
PHILADELPHIA	5 713	2	79	706	161	4 765
PIKE	0	0	0	0	0	0
POTTER	0	0	0	0	0	0
SCHUYLKILL	239	0	0	0	4	235
SNYDER	1	0	0	0	0	1
SOMERSET	19	0	0	0	0	19
SULLIVAN	3	0	0	0	0	3
SUSQUEHANNA	0	0	0	0	0	0
TIOGA	7	0	0	0	0	7
UNION	10	0	0	0	0	10
VENANGO	40	0	0	0	0	40
WARREN	6	0	0	0	0	6
WASHINGTON	139	0	0	0	0	139
WAYNE	17	0	0	0	0	17
WESTMORELAND	270	0	1	2	1	266
WYOMING	2	0	0	0	0	2
YORK	261	0	4	8	3	246

TABLE 8

NONPUBLIC HIGH SCHOOL GRADUATES BY POST-HIGH SCHOOL ACTIVITY AND COUNTY (PART A)
1988

	TOTAL	PENNSYLVANIA				COLLEGE/ UNIVERSITY OUTSIDE OF PENNSYLVANIA	PENNSYLVANIA	
		COMMUNITY COLLEGE	PRIVATE 2-YEAR COLLEGE	PUBLIC 4-YEAR COLLEGE OR UNIVERSITY	PRIVATE 4-YEAR COLLEGE OR UNIVERSITY		OTHER POST-SEC. (AST or ASB DEGREE)	OTHER POST-SECONDARY (NONDEGREE)
TOTAL	21 594	2 831	356	4 889	5 133	4 815	327	980
ADAMS	160	0	0	37	19	22	12	4
ALLEGHENY	1 989	217	2	475	414	442	29	80
ARMSTRONG	2	0	0	2	0	0	0	0
BEAVER	89	4	0	24	33	14	0	2
BEDFORD	5	0	0	0	0	0	1	0
BERKS	431	15	0	65	104	129	11	22
BLAIR	149	0	2	62	28	9	4	17
BRADFORD	2	0	0	0	0	1	0	0
BUCKS	1 324	246	7	331	284	282	5	42
BUTLER	18	2	0	3	0	0	0	0
CAMBRIA	277	0	15	103	66	31	18	4
CAMERON	0	0	0	0	0	0	0	0
CARBON	2	1	0	0	0	0	0	0
CENTRE	15	0	0	1	9	4	0	1
CHESTER	651	21	7	114	234	216	2	13
CLARION	10	0	0	2	3	2	0	0
CLEARFIELD	51	0	0	27	6	2	2	4
CLINTON	0	0	0	0	0	0	0	0
COLUMBIA	16	0	0	2	3	6	0	1
CRAWFORD	2	0	0	0	0	0	0	0
CUMBERLAND	219	33	2	45	44	58	3	3
DAUPHIN	331	51	2	71	36	58	13	8
DELAWARE	2 258	345	48	449	722	341	38	55
ELK	68	0	0	38	28	6	0	3
ERIE	599	2	3	218	156	147	11	15
FAYETTE	117	4	0	43	29	15	0	0
FOREST	55	2	0	0	2	0	0	2
FRANKLIN	185	1	0	16	17	119	0	4
FULTON	0	0	0	0	0	0	0	0
GREENE	5	0	0	1	0	2	0	0
HUNTINGDON	50	0	0	1	4	35	2	1
INDIANA	87	0	0	9	32	42	0	1
JEFFERSON	0	0	0	0	0	0	0	0
JUNIATA	1	0	0	0	0	0	0	0
LACKAWANNA	465	2	22	97	255	14	10	8
LANCASTER	553	4	1	54	95	118	5	62
LAWRENCE	33	0	0	1	7	25	0	0
LEBANON	194	9	0	19	13	17	0	2
LEHIGH	258	26	5	72	60	38	0	17
LUZERNE	584	78	9	141	240	31	15	3
LYCOMING	38	0	0	13	10	1	0	2
MCKEAN	38	1	0	5	4	9	0	1
MERCER	198	1	0	17	34	33	0	1
MIFFLIN	11	0	0	8	0	4	0	1
MONROE	78	1	0	30	22	12	1	1
MONTGOMERY	2 941	216	31	543	847	957	21	58
MONTOUR	8	0	0	4	4	0	0	0
NORTHAMPTON	385	56	4	72	79	88	3	10
NORTHUMBERLAND	121	9	2	38	38	5	5	11
PERRY	39	0	2	2	0	15	0	1
PHILADELPHIA	5 713	631	174	1 318	918	497	81	458
PIKE	0	0	0	0	0	0	0	0
POTTER	0	0	0	0	0	0	0	0
SCHUYLKILL	239	18	4	84	68	18	20	15
SNYDER	1	0	0	0	0	0	0	0
SOMERSET	19	1	0	4	4	1	1	4
SULLIVAN	3	0	0	0	0	0	0	0
SUSQUEHANNA	0	0	0	0	0	0	0	0
TIOGA	7	0	1	0	1	0	0	0
UNION	9	0	0	0	1	1	0	0
VENANGO	48	0	0	11	11	3	1	2
WARREN	9	0	0	0	0	0	0	4
WASHINGTON	139	7	2	46	42	15	5	7
WAYNE	17	0	2	0	1	6	0	1
WESTMORELAND	278	18	9	85	68	54	5	7
WYOMING	2	0	0	0	1	1	0	0
YORK	261	3	2	39	68	65	8	15

NOTE: The degrees Associate in Specialized Business (ASB) and Associate in Specialized Technology (AST) are included in the number of high school graduates going on to college.

TABLE 8

NONPUBLIC HIGH SCHOOL GRADUATES BY POST-HIGH SCHOOL ACTIVITY AND COUNTY (PART B)
1984

	FARM WORKER	HOMEMAKER	MILITARY	WHITE COLLAR	BLUE COLLAR	SERVICE WORKER	UNEMPLOYED	UNKNOWN
TOTAL	30	37	425	1 455	900	150	319	627
ADAMS	0	0	10	8	15	0	0	28
ALLEGHENY	0	2	27	52	68	3	15	83
ARMSTRONG	0	0	0	0	0	0	0	0
BEAVER	0	0	1	4	0	4	0	1
BEDFORD	0	0	1	0	3	0	0	0
BERKS	0	0	11	17	34	1	0	14
BLAIR	0	2	4	10	11	0	1	5
BRADFORD	1	0	0	0	0	0	0	0
BUCKS	0	0	10	59	41	5	0	42
BUTLER	1	0	1	0	0	0	3	0
CAMBRIA	0	0	15	5	9	0	3	8
CAMERON	0	0	0	0	0	0	0	0
CARBON	0	0	0	0	1	0	0	0
CENTRE	0	0	0	1	2	1	0	0
CHESTER	0	0	5	13	12	0	0	14
CLARION	0	0	0	1	2	0	0	0
CLEARFIELD	0	0	2	1	5	0	0	0
CLINTON	0	0	0	0	0	0	0	0
COLUMBIA	0	0	1	2	1	0	0	0
CRAWFORD	0	0	0	1	1	0	0	0
CUMBERLAND	1	0	4	4	13	0	0	4
DAUPHIN	0	0	22	30	34	1	0	5
DELAWARE	0	0	22	131	60	9	23	15
ELK	0	0	2	1	5	1	0	0
ERIE	0	0	17	14	8	2	5	4
FAYETTE	1	3	2	3	4	0	2	4
FOREST	0	0	2	1	12	0	10	24
FRANKLIN	3	3	2	4	14	1	0	2
FULTON	0	0	0	0	0	0	0	0
GREENE	0	0	0	0	1	0	1	0
HUNTINGDON	0	0	0	4	1	0	0	2
INDIANA	0	0	0	0	3	0	0	0
JEFFERSON	0	0	0	0	0	0	0	0
JUNIATA	0	0	0	1	0	0	0	0
LACKAWANNA	0	0	10	6	27	0	9	3
LANCASTER	17	1	4	67	55	26	2	43
LAWRENCE	0	0	0	0	0	0	0	0
LEBANON	0	0	3	7	13	0	0	21
LEHIGH	0	1	10	12	13	1	2	1
LUZERNE	0	0	11	8	13	2	1	17
LYCOMING	0	0	1	2	1	0	0	0
MCKEAN	0	1	4	3	2	2	1	0
MERCER	0	0	3	3	3	0	1	10
MIFFLIN	0	0	1	1	2	0	2	0
MONROE	0	0	2	6	3	0	0	1
MONTGOMERY	0	3	25	80	65	16	40	30
MONTOUR	0	0	0	0	0	0	0	0
NORTHAMPTON	0	0	12	22	13	10	3	14
NORTHUMBERLAND	2	0	7	4	10	1	0	5
PERRY	1	0	14	1	1	0	0	2
PHILADELPHIA	0	20	129	813	263	44	191	185
PIKE	0	0	0	0	0	0	0	0
POTTER	0	0	0	0	0	0	0	0
SCHUYLKILL	0	0	5	5	9	0	0	1
SNYDER	0	0	0	1	0	0	0	0
SOMERSET	1	0	0	2	3	2	0	0
SULLIVAN	0	0	2	1	0	0	0	0
SUSQUEHANNA	0	0	0	0	0	0	0	0
TIOGA	1	0	1	0	1	1	0	1
UNION	1	0	0	2	4	0	0	0
VENANGO	0	0	4	2	3	0	1	2
WARREN	0	0	0	1	1	0	0	0
WASHINGTON	0	0	3	3	7	0	0	2
WAYNE	0	0	0	2	5	0	0	0
WESTMORELAND	0	1	2	5	8	0	3	14
WYOMING	0	0	0	0	0	0	0	0
YORK	0	0	9	24	10	17	0	1

TABLE 9

NONPUBLIC HIGH SCHOOL GRADUATES BY RACE, SEX, AND POST-HIGH SCHOOL ACTIVITY
1988

	TOTAL			AMERICAN INDIAN/ALASKAN NATIVE		ASIAN/ PACIFIC ISLANDER		BLACK (NON-HISPANIC)		HISPANIC		WHITE (NON-HISPANIC)	
	TOTAL	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE
TOTAL	21 594	10 372	11 222	8	10	165	142	543	735	143	182	9 515	10 153
PENNSYLVANIA INSTITUTIONS													
Community College	2 031	935	1 096	1	2	7	8	32	68	11	17	884	1 001
Private 2-yr. College	356	132	224	0	0	2	1	8	14	2	11	120	198
Public 4-YR. College or University	4 809	2 339	2 470	2	0	36	44	139	225	18	31	2 144	2 170
Private 4-YR. College or University	5 133	2 423	2 710	2	1	40	29	64	64	34	31	2 283	2 585
OUTSIDE PENNSYLVANIA													
College and University	4 015	2 006	2 009	3	4	64	51	144	210	32	35	1 763	1 709
PENNSYLVANIA													
Other Postsecondary School (AST OR ASB Degree)	327	157	170	0	0	2	0	7	5	1	3	147	162
Other Postsecondary School (Non-Degree)	900	428	552	0	1	2	3	19	7	9	9	398	512
OTHER													
Farm Worker	38	27	3	0	0	0	0	0	0	1	0	26	3
Homemaker	37	1	36	0	1	0	0	0	0	0	1	1	34
Military	425	360	65	0	0	1	0	45	19	6	2	308	44
White Collar Worker	1 455	293	1 162	0	0	2	5	19	71	7	23	265	1 063
Blue Collar Worker	900	732	168	0	1	5	0	34	4	10	9	683	154
Service Worker	158	54	96	0	0	0	0	0	1	2	2	52	93
Unemployed	319	188	131	0	0	1	0	11	15	5	3	171	113
Unknown	627	297	330	0	0	1	1	21	12	5	5	270	312

NOTE: The degrees Associate in Specialized Business (ASB) and Associate in Specialized Technology (AST) are included in the numbers of high school graduates going on to college.

APPENDIX A

GLOSSARY

GRADUATES GOING ON TO COLLEGE - high school graduates enrolling in a two- or four-year, degree-granting college or university, or a specialized associate degree-granting institutuion.

HIGH SCHOOL GRADUATES - students who have completed the 12th grade and received a high school diploma.

OCCUPATIONAL CATEGORIES:

FARM WORKER - includes farm managers, farm laborers and farm service laborers.

HOMEMAKER - includes those whose primary occupation is homemaking, which involves all aspects of home and family living.

MILITARY - includes those enlisted in the armed services, national guard, reserves or the merchant marine.

WHITE COLLAR WORKER:

Clerical/office worker - includes bank tellers, billing clerks, bookkeepers, cashiers, bill collectors, estimators, file clerks, insurance adjusters, library assistants, mail carriers, office machine operators, office managers and executives, payroll clerks, postal clerks, receptionists, secretaries, shipping or receiving clerks, statistical clerks, stenographers, storekeepers, telegraph operators, telephone operators, ticket agents and typists.

Professional/technical worker - includes engineering techn i-cians, medical and health technicians, and other technicians such as computer programmers, designers, draftspersons, photographers, radio operators and servicers.

Retail/sales workers - includes advertising agents, demon-strators, sales agents and sales clerks.

BLUE COLLAR WORKER:

Journeymen/skilled worker - includes construction crafts workers, skilled metal workers, mechanics, repairers, and other craft workers such as cake bakers, carpet installers, decorators, furniture finishers, jewelers, locomotive mechanics, motion picture projectionists, lens grinders and polishers, patternmakers, power station operators, shoe repairers, stone cutters, tailors (factory), telephone installers, repairers and linepersons and upholsterers.

Semi-skilled laborer - includes such areas as construction oper-atives, metal working operatives, transport equipment oper-atives, semi-skilled textile occupations, and other opera-tives such as milliners and photographic process workers.

Unskilled laborer - includes animal caretakers, carpenter's helper, construction laborers, freight handlers, gardeners, groundskeepers, nursery workers, stock handlers, teamsters and warehouse workers.

SERVICE WORKER:

Cleaning service worker - includes janitors and cleaners.

Food service worker - includes bakers, bartenders, butchers, fast food service workers, food preparation, waiters and waitresses.

Health service worker - includes nurses' aides/orderlies, psychiatric aides and medical assistants.

Personal service worker - includes barbers, bellhops, child care workers (except private household), cosmetologists, flight attendants, guides, hairdressers, lifeguards, recreation and amusement attendants and social service aides.

Private household worker - includes private household child care workers and private household cooks, housekeepers, maids and servants.

Protective service worker - includes crossing guards, fire fighters, guards, police officers and security personnel.

RACIAL/ETHNIC CATEGORIES:

AMERICAN INDIAN OR ALASKAN NATIVE - a person having origins in any of the original peoples of North America, and who maitain cultural identification through tribal affiliation or community recognition.

ASIAN OR PACIFIC ISLANDER - a person having origins in any of the original peoples of the Far East, Southeast Asia, the Indian Subcontinent or the Pacific Islands. This area includes, for example, China, Japan, Korea, India, the Philippine Islands and Samoa.

BLACK (NON-HISPANIC) - a person having origins in any of the black racial groups of Africa.

HISPANIC - a person of Mexican, Puerto Rican, Cuban, Central or South American, or other Spanish culture or origin, regardless of race.

WHITE (NON-HISPANIC) - a person having origins in any of the original peoples of Europe, North Africa or the Middle East.

APPENDIX B

SOURCE

High School Graduate Report (PDE-4037)

Colleges and Universities

Fall Enrollments
1988

Pennsylvania Department of Education 1989

Colleges and Universities

Fall Enrollments
1988

This is one in a series of publications containing statistical summaries related to basic education, postsecondary education, and vocational education in Pennsylvania. For more detailed data, contact the Division of Data Services at (717) 787-2644.

Commonwealth of Pennsylvania
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October, 1989

Pennsylvania Department of Education
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HIGHLIGHTS

* The 148 colleges and universities reported a total enrollment of 542,364, of which 84.3 percent were undergraduates, 2.6 percent were first-professional, and 13.1 percent were graduates.

* The percentage of minorities increased slighty from 9.0 percent in 1978 to 9.2 percent in 1988.

* The composition of undergraduate enrollments included 69.5 percent full-time, 54.3 percent women, and 9.4 percent minorities.

* For first-professional enrollments, 96.2 percent were full-time, 62.7 percent were men, and 13.1 percent were minorities.

* For graduate enrollments, 64.4 percent were part-time, 51.3 percent were women, and 7.1 percent were minorities.

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OVERVIEW

Fall enrollments at colleges and universities increased steadily over the past ten years with a surge occurring in 1983. Also during this period, the student population completed a shift from a male majority to a female majority with females now comprising 53.5 percent of all enrollments. Similarly, small but steady changes were noticeable in the racial/ethnic composition. While the percentage of non-resident aliens, Asian/Pacific Islanders, and Hispanics increased by 1.0, 1.2, and 0.3 percent respectively from 1978 to 1988, the percentages of blacks and whites decreased. The black percentage decreased by 1.3 percent and white by 1.2 percent. When comparing the 1980 U.S. census for Pennsylvania (ages 15-24) to 1988 fall enrollments, the categories of American Indian/Alaskan Native, Asian/Pacific Islander, and white showed higher percentages enrolled in colleges than their proportion of the population.

Of the ten selected major fields of study in the survey, business and management continued as the most popular with over 84,000 students enrolled, followed by engineering with nearly 28,000. However, it should be noted that the fields of study not itemized in this survey comprised 72.4 percent of all enrollments.

Nationwide, enrollments in institutions of higher education increased by 3.3 percent from 1980 to 1986. For Pennsylvania institutions, the increase was 7.5 percent.

TABLE 1

FALL ENROLLMENTS BY TYPE OF INSTITUTION
1979 THROUGH 1988

	TOTAL	PUBLIC INSTITUTIONS		PRIVATE INSTITUTIONS	
		Number	Percent	Number	Percent
1979	481 650	282 243	58.6	199 407	41.4
1980	496 641	289 908	58.4	206 733	41.6
1981	506 361	293 410	57.9	212 951	42.1
1982	512 438	299 838	58.5	212 600	41.5
1983	522 980	307 355	58.8	215 625	41.2
1984	515 668	300 908	58.4	214 760	41.6
1985	515 815	300 258	58.2	215 557	41.8
1986	518 848	303 765	58.5	215 083	41.5
1987	526 835	310 806	59.0	216 029	41.0
1988	542 364	323 100	59.6	219 264	40.4

TABLE 2

FALL ENROLLMENTS BY SEX
1979 THROUGH 1988

	TOTAL	MALE		FEMALE	
		Number	Percent	Number	Percent
1979	481 650	240 626	50.0	241 024	50.0
1980	496 641	244 362	49.2	252 279	50.8
1981	506 361	246 777	48.7	259 584	51.3
1982	512 438	251 292	49.0	261 146	51.0
1983	522 980	256 622	49.1	266 358	50.9
1984	515 668	251 501	48.8	264 167	51.2
1985	515 815	250 167	48.5	265 648	51.5
1986	518 848	246 613	47.5	272 235	52.5
1987	526 835	247 675	47.0	279 160	53.0
1988	542 364	252 156	46.5	290 208	53.5

TABLE 3

FALL ENROLLMENTS, 1988, COMPARED TO THE GENERAL POPULATION, 1980, BY RACIAL/ETHNIC CATEGORY

	Fall Enrollments 1988	1980 U.S. Census for Pennsylvania	
		All Ages	Ages 15-24
	Percent	Percent	Percent
Total	100.0	100.0	100.0
American Indian/ Alaskan Native	0.2	0.1	0.1
Asian/Pacific Islander	1.9	0.6	0.5
Black (Non-Hispanic)	6.1	8.7	9.9
Hispanic	1.0	1.3	1.6
White (Non-Hispanic)	88.4	89.3	87.9
Non-Resident Alien	2.4	-	-
Other	-	0.0 1/	0.0 1/

1/ Less than one tenth of a percent.

NOTE: A dash (-) indicates "not applicable."

TABLE 4

FALL ENROLLMENTS BY CATEGORY AND LEVEL
1988

	TOTAL ENROLLMENTS			MALE			FEMALE			Total
	Total	Full-Time	Part-Time	Total	Full-Time	Part-Time	Total	Full-Time	Part-Time	Full-Time Equivalent
TOTAL (148)	542 364	356 457	185 907	252 156	177 659	74 497	290 208	178 798	111 410	421 017.3
Undergraduate	457 535	317 810	139 725	208 875	155 038	53 837	248 660	162 772	85 888	366 540.3
First-Time Freshmen	102 290	82 569	19 721	46 941	39 693	7 248	55 349	42 876	12 473	89 315.6
First-Professional	13 907	13 377	530	8 716	8 352	364	5 191	5 025	166	13 632.6
Graduate	70 922	25 270	45 652	34 565	14 269	20 296	36 357	11 001	25 356	40 844.4
STATE UNIVERSITIES (14)	92 375	73 240	19 135	38 787	32 266	6 521	53 588	40 974	12 614	79 791.6
Undergraduate	82 926	71 078	11 848	35 575	31 344	4 231	47 351	39 734	7 617	75 394.5
First-Time Freshmen	16 719	16 096	623	6 925	6 743	182	9 794	9 353	441	16 333.9
Graduate	9 449	2 162	7 287	3 212	922	2 290	6 237	1 240	4 997	4 397.1
STATE-RELATED COMMONWEALTH UNIVERSITIES (4)	137 254	98 966	38 288	72 736	54 746	17 990	64 518	44 220	20 298	113 054.2
Undergraduate	108 233	84 835	23 398	57 396	46 436	10 960	50 837	38 399	12 438	93 605.6
First-Time Freshmen	19 016	18 471	545	10 175	9 926	249	8 841	8 545	296	18 702.4
First-Professional	4 249	4 245	4	2 662	2 658	4	1 587	1 587	0	4 246.6
Graduate	24 772	9 886	14 886	12 678	5 652	7 026	12 094	4 234	7 860	15 202.0
COMMUNITY COLLEGES (14)	93 471	33 840	59 631	37 482	15 820	21 662	55 989	18 020	37 969	54 386.4
Undergraduate	93 471	33 840	59 631	37 482	15 820	21 662	55 989	18 020	37 969	54 386.4
First-Time Freshmen	29 474	14 033	15 441	12 323	6 688	5 635	17 151	7 345	9 806	19 261.7
PRIVATE STATE-AIDED INSTITUTIONS (11)	47 486	35 371	12 115	26 063	20 138	5 925	21 423	15 233	6 190	39 522.0
Undergraduate	28 810	21 577	7 233	15 470	12 030	3 440	13 340	9 547	3 793	24 034.4
First-Time Freshmen	5 784	5 271	513	3 329	3 022	307	2 455	2 249	206	5 455.0
First-Professional	6 132	6 128	4	3 737	3 734	3	2 395	2 394	1	6 129.3
Graduate	12 544	7 666	4 878	6 856	4 374	2 482	5 688	3 292	2 396	9 358.3
PRIVATE COLLEGES AND UNIVERSITIES (80)	162 619	109 535	53 084	73 153	52 239	20 914	89 466	57 296	32 170	127 463.7
Undergraduate	137 694	102 352	35 342	61 078	48 043	13 035	76 616	54 309	22 307	114 243.4
First-Time Freshmen	28 983	26 721	2 262	13 386	12 588	798	15 597	14 133	1 464	27 478.3
First-Professional	2 181	2 082	99	1 312	1 244	68	869	838	31	2 133.8
Graduate	22 744	5 101	17 643	10 763	2 952	7 811	11 981	2 149	9 832	11 086.5
THEOLOGICAL SEMINARIES (16)	2 929	1 443	1 486	2 156	1 151	1 005	773	292	481	2 024.4
Undergraduate	171	66	105	95	66	29	76	0	76	101.0
First-Time Freshmen	5	5	0	5	5	0	0	0	0	5.0
First-Professional	1 345	922	423	1 005	716	289	340	206	134	1 122.9
Graduate	1 413	455	958	1 056	369	687	357	86	271	800.5
PRIVATE JUNIOR COLLEGES (9)	6 230	4 062	2 168	1 779	1 299	480	4 451	2 763	1 688	4 775.0
Undergraduate	6 230	4 062	2 168	1 779	1 299	480	4 451	2 763	1 688	4 775.0
First-Time Freshmen	2 309	1 972	337	798	721	77	1 511	1 251	260	2 079.3

NOTE: First-time freshmen are included in the undergraduate data.

TABLE 5

FALL ENROLLMENTS BY RACIAL/ETHNIC CATEGORY, INSTITUTIONAL CATEGORY, AND LEVEL OF ENROLLMENT
1988

	Total		Non-Resident Alien		Black (Non-Hispanic)		American Indian/ Alaskan Native		Asian/ Pacific Islander		Hispanic		White (Non-Hispanic)	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
TOTAL (148)	252 156	290 208	8 791	4 018	12 810	20 341	380	483	5 477	4 904	2 545	3 051	222 153	257 411
Full-Time Students	177 659	178 798	7 353	3 234	8 555	12 006	253	265	4 246	3 665	1 874	2 064	155 378	157 564
Undergraduate	155 038	162 772	2 750	1 641	7 758	10 933	212	222	3 443	3 160	1 533	1 792	139 342	145 024
First-Time Freshmen	39 693	42 876	514	350	2 225	3 116	65	59	973	923	456	579	35 460	37 849
First-Professional	8 352	5 025	207	83	339	401	15	12	416	250	175	112	7 200	4 167
Graduate	14 269	11 001	4 396	1 510	458	672	26	31	387	255	166	160	8 836	8 373
Part-Time Students	74 497	111 410	1 438	784	4 255	8 335	127	218	1 231	1 239	671	987	66 775	99 847
Undergraduate	53 837	85 888	338	290	3 550	7 115	94	160	834	997	539	796	48 482	76 530
First-Time Freshmen	7 248	12 473	51	38	609	1 060	10	19	148	167	101	174	6 329	11 015
First-Professional	364	166	0	1	49	37	0	0	14	1	1	1	300	126
Graduate	20 296	25 356	1 100	493	656	1 183	33	58	383	241	131	190	17 993	23 191
STATE UNIVERSITIES (14)	38 787	53 588	810	508	2 138	2 438	55	65	277	307	234	278	35 273	49 992
Full-Time Students	32 266	40 974	736	463	1 901	2 064	44	46	218	242	192	224	29 175	37 935
Undergraduate	31 344	39 734	562	335	1 853	2 021	43	43	201	225	188	214	28 497	36 896
First-Time Freshmen	6 743	9 353	111	77	485	592	8	11	41	70	47	54	6 051	8 549
Graduate	922	1 240	174	128	48	43	1	3	17	17	4	10	678	1 039
Part-Time Students	6 521	12 614	74	45	237	374	11	19	59	65	42	54	6 098	12 057
Undergraduate	4 231	7 617	35	21	145	215	8	11	39	53	32	39	3 972	7 278
First-Time Freshmen	182	441	5	6	7	22	0	1	1	2	1	0	168	410
Graduate	2 290	4 997	39	24	92	159	3	8	20	12	10	15	2 126	4 779

TABLE 5

FALL ENROLLMENTS BY RACIAL/ETHNIC CATEGORY, INSTITUTIONAL CATEGORY, AND LEVEL OF ENROLLMENT--Continued
1988

	Total		Non-Resident Alien		Black (Non-Hispanic)		American Indian/ Alaskan Native		Asian/ Pacific Islander		Hispanic		White (Non-Hispanic)	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
STATE-RELATED COMMONWEALTH UNIVERSITIES (4)	72 736	64 518	3 160	1 193	4 259	6 416	102	122	1 819	1 415	861	848	62 535	54 524
Full-Time Students	54 746	44 220	2 478	896	3 226	4 670	60	54	1 457	1 128	679	650	46 846	36 822
Undergraduate	46 436	38 399	512	240	2 824	4 113	41	39	1 206	955	532	505	41 321	32 547
First-Time Freshmen	9 926	8 545	37	24	682	1 047	12	9	290	222	131	152	8 774	7 091
First-Professional	2 658	1 587	6	1	172	176	2	3	129	78	70	40	2 279	1 289
Graduate	5 652	4 234	1 960	655	230	381	17	12	122	95	77	105	3 246	2 986
Part-Time Students	17 990	20 298	682	297	1 033	1 746	42	68	362	287	182	198	15 689	17 702
Undergraduate	10 960	12 438	72	41	761	1 178	20	29	192	180	121	120	9 794	10 890
First-Time Freshmen	249	296	1	0	7	18	0	0	1	4	1	3	239	271
First-Professional	4	0	0	0	0	0	0	0	0	0	0	0	4	0
Graduate	7 026	7 860	610	256	272	568	22	39	170	107	61	78	5 891	6 812
COMMUNITY COLLEGES (14)	37 482	55 989	54	60	3 107	6 049	90	122	787	859	429	753	33 015	48 146
Full-Time Students	15 820	18 020	40	44	1 166	1 979	40	40	356	305	157	276	14 061	15 376
Undergraduate	15 820	18 020	40	44	1 166	1 979	40	40	356	305	157	276	14 061	15 376
First-Time Freshmen	6 688	7 345	15	14	460	696	19	13	123	111	74	128	5 997	6 383
Part-Time Students	21 662	37 969	14	16	1 941	4 070	50	82	431	554	272	477	18 954	32 770
Undergraduate	21 662	37 969	14	16	1 941	4 070	50	82	431	554	272	477	18 954	32 770
First-Time Freshmen	5 635	9 806	1	1	529	864	9	17	134	136	93	154	4 869	8 634

TABLE 5

FALL ENROLLMENTS BY RACIAL/ETHNIC CATEGORY, INSTITUTIONAL CATEGORY, AND LEVEL OF ENROLLMENT--Continued
1988

	Total		Non-Resident Alien		Black (Non-Hispanic)		American Indian/ Alaskan Native		Asian/ Pacific Islander		Hispanic		White (Non-Hispanic)	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
PRIVATE STATE-AIDED INSTITUTIONS (11)	26 063	21 423	2 545	1 100	1 052	1 600	40	58	1 301	1 085	414	353	20 711	17 227
Full-Time Students	20 138	15 233	2 191	881	802	1 058	35	36	1 189	963	359	301	15 562	11 994
Undergraduate	12 030	9 547	687	302	588	773	22	22	832	705	216	201	9 685	7 544
First-Time Freshmen	3 022	2 249	130	60	186	201	8	10	251	215	71	43	2 376	1 720
First-Professional	3 734	2 394	145	74	107	162	10	5	240	158	85	63	3 147	1 932
Graduate	4 374	3 292	1 359	505	107	123	3	9	117	100	58	37	2 730	2 518
Part-Time Students	5 925	6 190	354	219	250	542	5	22	112	122	55	52	5 149	5 233
Undergraduate	3 440	3 793	101	100	183	409	5	20	55	84	44	38	3 052	3 142
First-Time Freshmen	307	206	8	4	20	28	0	1	7	13	4	2	268	158
First-Professional	3	1	0	0	0	1	0	0	0	0	0	0	3	0
Graduate	2 482	2 396	253	119	67	132	0	2	57	38	11	14	2 094	2 091
PRIVATE COLLEGES AND UNIVERSITIES (80)	73 153	89 466	2 085	1 076	1 939	3 172	88	112	1 137	1 192	558	766	67 346	83 148
Full-Time Students	52 239	57 296	1 786	876	1 287	1 855	70	86	926	1 000	449	576	47 721	52 903
Undergraduate	48 043	54 309	914	658	1 207	1 696	62	76	829	952	418	563	44 613	50 364
First-Time Freshmen	12 588	14 133	197	152	335	415	15	16	260	299	125	185	11 656	13 066
First-Professional	1 244	838	12	4	23	40	3	3	8	11	8	5	1 190	775
Graduate	2 952	2 149	860	214	57	119	5	7	89	37	23	8	1 918	1 764
Part-Time Students	20 914	32 170	299	200	652	1 317	18	26	211	192	109	190	19 625	30 245
Undergraduate	13 035	22 307	115	107	489	1 028	10	17	114	115	64	111	12 243	20 929
First-Time Freshmen	798	1 464	36	26	37	83	0	0	4	8	1	15	720	1 332
First-Professional	68	31	0	0	1	0	0	0	0	0	0	0	67	31
Graduate	7 811	9 832	184	93	162	289	8	9	97	77	45	79	7 315	9 285

TABLE 5

FALL ENROLLMENTS BY RACIAL/ETHNIC CATEGORY, INSTITUTIONAL CATEGORY, AND LEVEL OF ENROLLMENT--Concluded
1988

	Total		Non-Resident Alien		Black (Non-Hispanic)		American Indian/ Alaskan Native		Asian/ Pacific Islander		Hispanic		White (Non-Hispanic)	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
THEOLOGICAL SEMINARIES (16)	2 156	773	101	14	166	105	0	1	137	17	27	9	1 725	627
Full-Time Students	1 151	292	87	12	53	29	0	1	83	9	21	4	907	237
Undergraduate	66	0	0	0	0	0	0	0	2	0	5	0	59	-
First-Time Freshmen	5	0	0	0	0	0	0	0	0	0	0	0	5	0
First-Professional	716	206	44	4	37	23	0	1	39	3	12	4	584	171
Graduate	369	86	43	8	16	6	0	0	42	6	4	0	264	66
Part-Time Students	1 005	481	14	2	113	76	0	0	54	8	6	5	818	390
Undergraduate	29	76	0	0	2	5	0	0	1	0	1	0	25	71
First-Professional	289	134	0	1	48	36	0	0	14	1	1	1	226	95
Graduate	687	271	14	1	63	35	0	0	39	7	4	4	567	224
PRIVATE JUNIOR COLLEGES (9)	1 779	4 451	36	67	149	561	5	3	19	29	22	44	1 548	3 747
Full-Time Students	1 299	2 763	35	62	120	351	4	2	17	18	17	33	1 106	2 297
Undergraduate	1 299	2 763	35	62	120	351	4	2	17	18	17	33	1 106	2 297
First-Time Freshmen	721	1 251	24	23	77	165	3	0	8	6	8	17	601	1 040
Part-Time Students	480	1 688	1	5	29	210	1	1	2	11	5	11	442	1 450
Undergraduate	480	1 688	1	5	29	210	1	1	2	11	5	11	442	1 450
First-Time Freshmen	77	260	0	1	9	45	1	0	1	4	1	0	65	210

TABLE 6

FALL ENROLLMENTS BY RACIAL/ETHNIC CATEGORY, SEX, AND SELECTED MAJOR FIELD OF STUDY
1988

	Total		Non-Resident Alien		Black (Non-Hispanic)		American Indian/ Alaskan Native		Asian/ Pacific Islander		Hispanic		White (Non-Hispanic)	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
Total	252 156	290 208	8 791	4 018	12 810	20 341	380	483	5 477	4 904	2 545	3 051	222 153	257 411
Full-Time	177 659	178 798	7 353	3 234	8 555	12 006	253	265	4 246	3 665	1 874	2 064	155 378	157 564
Part-Time	74 497	111 410	1 438	784	4 255	8 335	127	218	1 231	1 239	671	987	66 775	99 847
Architecture and Environmental Design	1 376	1 236	177	82	38	31	2	0	22	22	26	15	1 111	1 086
Full-Time	1 112	1 044	156	71	30	27	1	0	20	20	24	13	881	913
Part-Time	264	192	21	11	8	4	1	0	2	2	2	2	230	173
Business and Management	48 368	36 245	1 795	565	2 047	2 416	47	49	715	672	374	293	43 390	32 250
Full-Time	35 668	24 323	1 588	494	1 657	1 743	40	37	618	586	320	229	31 445	21 234
Part-Time	12 700	11 922	207	71	390	673	7	12	97	86	54	64	11 945	11 016
Engineering	23 860	4 055	2 224	248	616	260	21	5	1 071	236	224	60	19 704	3 246
Full-Time	19 296	3 428	1 863	203	507	224	15	3	886	207	190	52	15 835	2 739
Part-Time	4 564	627	361	45	109	36	6	2	185	29	34	8	3 869	507
Dentistry, General	907	342	55	28	22	11	1	1	66	31	33	15	730	256
Full-Time	903	342	55	28	22	11	1	1	66	31	33	15	726	256
Part-Time	4	0	0	0	0	0	0	0	0	0	0	0	4	0
Medicine, General	2 694	1 538	33	14	137	172	7	4	247	155	63	33	2 207	1 160
Full-Time	2 691	1 537	33	14	137	171	7	4	247	155	63	33	2 204	1 160
Part-Time	3	1	0	0	0	1	0	0	0	0	0	0	3	0
Veterinary Medicine	131	290	3	6	2	3	1	0	2	1	2	2	121	278
Full-Time	131	290	3	6	2	3	1	0	2	1	2	2	121	278
Part-Time	0	0	0	0	0	0	0	0	0	0	0	0	0	0

TABLE 6

FALL ENROLLMENTS BY RACIAL/ETHNIC CATEGORY, SEX, AND SELECTED MAJOR FIELD OF STUDY--Concluded
1988

	Total		Non-Resident Alien		Black (Non-Hispanic)		American Indian/ Alaskan Native		Asian/ Pacific Islander		Hispanic		White (Non-Hispanic)	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
Law	2 573	1 933	54	24	102	143	4	6	26	34	47	42	2 340	1 684
Full-Time	2 571	1 928	54	24	102	143	4	6	26	34	47	42	2 338	1 679
Part-Time	2	5	0	0	0	0	0	0	0	0	0	0	2	5
Life Sciences	5 477	5 738	217	177	177	291	8	9	159	176	64	69	4 852	5 016
Full-Time	4 971	5 036	186	146	151	261	8	9	153	157	60	64	4 413	4 399
Part-Time	506	702	31	31	26	30	0	0	6	19	4	5	439	617
Mathematics	2 715	2 285	215	95	89	84	0	2	52	57	14	12	2 345	2 035
Full-Time	2 351	2 014	188	84	77	74	0	0	36	49	8	11	2 042	1 796
Part-Time	364	271	27	11	12	10	0	2	16	8	6	1	303	239
Physical Sciences	5 392	2 312	561	158	160	117	8	3	120	75	42	21	4 501	1 938
Full-Time	4 592	1 982	466	127	138	102	8	1	103	65	37	19	3 840	1 668
Part-Time	800	330	95	31	22	15	0	2	17	10	5	2	661	270
All Other Fields	158 663	234 234	3 457	2 621	9 420	16 813	281	404	2 997	3 445	1 656	2 489	140 852	208 462
Full-Time	103 373	136 874	2 761	2 037	5 732	9 247	168	204	2 089	2 360	1 090	1 584	91 533	121 442
Part-Time	55 290	97 360	696	584	3 688	7 566	113	200	908	1 085	566	905	49 319	87 020

TABLE 7

FALL ENROLLMENTS BY RACIAL/ETHNIC CATEGORY AND INSTITUTIONAL CATEGORY
1978 THROUGH 1988

	Non-Resident Alien		Black (Non-Hispanic)		American Indian/ Alaskan Native		Asian/ Pacific Islander		Hispanic		White (Non-Hispanic)	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Total												
1978	6 637	1.4	35 169	7.4	735	0.2	3 586	0.7	3 469	0.7	425 355	89.6
1980	8 031	1.6	37 290	7.5	849	0.2	4 648	0.9	3 854	0.8	441 969	89.0
1982	9 323	1.8	35 548	6.9	883	0.2	6 927	1.4	4 511	0.9	455 246	88.8
1984	9 566	1.8	34 920	6.8	840	0.2	7 518	1.4	4 479	0.9	458 345	88.9
1986	11 264	2.2	32 823	6.3	817	0.2	8 313	1.6	4 606	0.9	461 025	88.8
1988	12 809	2.4	33 151	6.1	863	0.2	10 381	1.9	5 596	1.0	479 564	88.4
State Universities												
1978	690	0.9	5 433	7.1	83	0.1	265	0.4	263	0.3	69 863	91.2
1980	724	0.9	5 415	6.9	116	0.1	296	0.4	522	0.7	70 946	91.0
1982	675	0.9	4 859	6.1	110	0.1	419	0.5	473	0.6	72 746	91.8
1984	879	1.1	4 660	5.7	101	0.1	493	0.6	353	0.4	76 027	92.1
1986	990	1.1	4 623	5.4	100	0.1	497	0.6	405	0.5	79 550	92.3
1988	1 318	1.4	4 576	5.0	120	0.1	584	0.6	512	0.6	85 265	92.3
State-Related Commonwealth Universities												
1978	1 946	1.5	10 187	7.9	317	0.2	1 355	1.1	1 176	0.9	113 702	88.4
1980	2 542	1.9	10 990	8.3	321	0.2	1 541	1.2	1 063	0.8	115 533	87.6
1982	3 177	2.4	10 032	7.7	252	0.2	1 720	1.3	1 061	0.8	115 039	87.6
1984	2 987	2.4	9 854	7.8	215	0.2	2 035	1.6	1 084	0.8	110 361	87.2
1986	3 756	2.9	10 278	7.9	215	0.1	2 636	2.0	1 440	1.1	112 280	86.0
1988	4 353	3.2	10 675	7.8	224	0.2	3 234	2.4	1 709	1.2	117 059	85.3
Community Colleges												
1978	162	0.2	10 780	14.4	157	0.2	496	0.7	912	1.2	62 438	83.3
1980	150	0.2	10 901	13.6	180	0.2	858	1.1	847	1.1	66 963	83.8
1982	178	0.2	11 146	12.5	288	0.3	1 823	2.0	1 247	1.4	74 593	83.6
1984	155	0.2	11 646	12.7	268	0.3	1 517	1.6	1 089	1.2	77 184	84.0
1986	128	0.1	9 359	10.8	222	0.3	1 418	1.6	942	1.1	74 926	86.1
1988	114	0.1	9 156	9.8	212	0.2	1 646	1.8	1 182	1.3	81 161	86.8

TABLE 7

FALL ENROLLMENTS BY RACIAL/ETHNIC CATEGORY AND INSTITUTIONAL CATEGORY--Concluded
1978 THROUGH 1988

	Non-Resident Alien		Black (Non-Hispanic)		American Indian/ Alaskan Native		Asian/ Pacific Islander		Hispanic		White (Non-Hispanic)	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Private State-Aided Institutions												
1978	1 855	4.1	2 694	6.0	55	0.1	713	1.6	338	0.8	39 242	87.4
1980	2 380	5.0	2 954	6.2	92	0.2	1 024	2.2	494	1.0	40 656	85.4
1982	2 779	5.8	2 768	5.8	86	0.2	1 371	2.9	628	1.3	39 981	84.0
1984	2 946	6.2	2 811	5.9	89	0.2	1 651	3.5	759	1.6	39 105	82.6
1986	2 948	6.3	2 538	5.4	86	0.2	1 852	4.0	682	1.5	38 459	82.6
1988	3 645	7.7	2 652	5.6	98	0.2	2 386	5.0	767	1.6	37 938	79.9
Private Colleges and Universities												
1978	1 809	1.3	5 216	3.7	118	0.1	712	0.5	726	0.5	132 580	93.9
1980	2 086	1.4	5 735	3.8	133	0.1	876	0.6	866	0.6	140 440	93 5
1982	2 305	1.5	5 522	3.5	139	0.1	1 506	1.0	1 015	0.6	144 981	93.3
1984	2 361	1.5	4 849	3.1	158	0.1	1 707	1.1	1 093	0.7	147 843	93.5
1986	3 202	2.0	4 948	3.1	187	0.1	1 755	1.1	1 019	0.7	147 756	93.0
1988	3 161	1.9	5 111	3.1	200	0.1	2 329	1.4	1 324	0.8	150 494	92.5
Theological Seminaries												
1978	85	3.1	83	3.1	0	0.0	32	1.2	17	0.6	2 498	92.0
1980	85	3.2	110	4.2	1	0.1	25	0.9	13	0.5	2 398	91.1
1982	119	4.1	143	5.0	3	0.1	60	2.1	18	0.6	2 542	88.1
1984	150	4.8	167	5.3	3	0.1	86	2.7	38	1.2	2 691	85.9
1986	113	3.6	263	8.3	1	0.0	107	3.4	30	1.0	2 644	83.7
1988	115	3.9	271	9.3	1	0.0	154	5.3	36	1.2	2 352	80.3
Private Junior Colleges												
1978	90	1.5	776	13.0	5	0.1	13	0.2	37	0.6	5 032	84.6
1980	64	1.0	1 185	18.6	6	0.1	28	0.4	49	0.8	5 033	79.1
1982	90	1.4	1 078	16.2	5	0.1	28	0.4	69	1.0	5 364	80.9
1984	88	1.4	933	14.9	6	0.1	29	0.5	63	1.0	5 134	82.1
1986	127	2.0	814	12.5	6	0.1	48	0.7	88	1.4	5 410	83.3
1988	103	1.7	710	11.4	8	0.1	48	0.8	66	1.1	5 295	85.0

NOTE: 1. Racial/ethnic data is collected biennially.
2. Percentages may not add to 100 percent due to rounding.

TABLE 8

PERCENT CHANGE IN FALL ENROLLMENTS
IN INSTITUTIONS OF HIGHER EDUCATION
1980 to 1986

State or Other Area	Percent Change 1980 to 1986
UNITED STATES	3.3
Alabama	10.4
Alaska	29.0
Arizona	11.8
Arkansas	2.0
California	-3.3
Colorado	8.9
Connecticut	-0.8
Delaware	2.9
District of Columbia	-10.4
Florida	15.9
Georgia	6.0
Hawaii	9.6
Idaho	5.2
Illinois	6.6
Indiana	1.2
Iowa	10.6
Kansas	4.8
Kentucky	1.0
Louisiana	7.0
Maine	6.9
Maryland	3.5
Massachusetts	-0.2
Michigan	0.1
Minnesota	9.6
Mississippi	-1.2
Missouri	5.0
Montana	-1.4
Nebraska	12.2
Nevada	15.7
New Hampshire	15.1
New Jersey	-8.2
New Mexico	37.7
New York	1.4
North Carolina	12.3
North Dakota	9.5
Ohio	6.4
Oklahoma	6.6
Oregon	-8.0
Pennsylvania	7.5
Rhode Island	4.0

TABLE 8

PERCENT CHANGE IN FALL ENROLLMENTS
IN INSTITUTIONS OF HIGHER EDUCATION--Concluded
1980 to 1986

State or Other Area	Percent Change 1980 to 1986
South Carolina	1.2
South Dakota	-5.6
Tennessee	-3.7
Texas	10.6
Utah	13.0
Vermont	6.0
Virginia	9.9
Washington	-20.1
West Virginia	-6.3
Wisconsin	5.4
Wyoming	15.2
U.S. Service Schools	7.0
OUTLYING AREAS	20.2
American Samoa	-22.2
Guam	39.2
Puerto Rico	19.4
Trust Territory of the Pacific	254.9
Virgin Islands	16.2

SOURCE: *Digest of Education Statistics, 1988*, U.S. Department of Education, Office of Educational Research and Improvement

APPENDIX A

GLOSSARY

FIRST-PROFESSIONAL STUDENT--A student who is enrolled in a professional school or program which requires at least two academic years of college work for entrance and a total of at least six years for a degree.

FIRST-TIME FRESHMAN--A student who has not previously attended any college. Also included are those students who entered with advanced standing (college credits earned before graduation from high school) at the freshmen level and those who attended college for the first time during the preceeding summer.

FULL-TIME EQUIVALENT--A comparative figure derived by converting part-time student academic work load into a normal full-time load. Institutions were requested to use 15 credit hours per semester for undergraduate students and 12 credit hours per semester for graduate and first-professional students as the normal load. Total full-time equivalent enrollments are the sum of full-time headcount and the full-time equivalency of part-time students.

GRADUATE STUDENT--A student who holds a bachelor's or first-professional degree, or equivalent, and is working toward a master's or doctor's degree.

RACIAL/ETHNIC CATEGORIES:

AMERICAN INDIAN/ALASKAN NATIVE--A person having origins in any of the original peoples of North America, and who maintains cultural identification through tribal affiliation or community recognition.

ASIAN/PACIFIC ISLANDER--A person having origins in any of the original peoples of the Far East, Southeast Asia, the Indian Subcontinent, or the Pacific Islands. The areas include, for example, China, Japan, Korea, India, the Phillippine Islands, and Samoa.

BLACK (NON-HISPANIC)--A person having origins in any of the black racial groups of Africa.

HISPANIC--A person of Mexican, Puerto Rican, Cuban, Central or South American or other Spanish culture or origin, regardless of race.

NON-RESIDENT ALIEN--A person who is not a citizen or national of the United States and who is in this country on a temporary basis and does not have the right to remain indefinitely.

WHITE (NON-HISPANIC)--A person having origins in any of the original peoples of Europe, North Africa, or the Middle East.

UNCLASSIFIED STUDENT--A student taking courses creditable toward a degree or other formal award who cannot be classified by academic level. For example, this could include a transfer student whose earned credits have not been determined at the time of the fall report.

UNDERGRADUATE STUDENT--A student who is enrolled in a four- or five-year bachelor's degree program, in an associate degree program, or in a vocational or technical program that is normally terminal and results in a formal recognition below the baccalaureate degree.

APPENDIX B

SOURCES

1. Fall Enrollment (ED G50-14P-EF)

2. Report of Full-Time Equivalent (FTE) Enrollments of Part-Time Students (PDE-4086)

3. Report of Full-Time Equivalent (FTE) Enrollments of Part-Time Students (2-Year Institutions) (PDE-4087)

4. *1980 Census of Population, Part 40 Pennsylvania,* U.S. Department of Commerce, Bureau of the Census

5. *Digest of Education Statistics, 1988,* U.S. Department of Education, Office of Educational Research and Improvement